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Food Fish

Market Review and Outlook

Industry and Consumer Services Division

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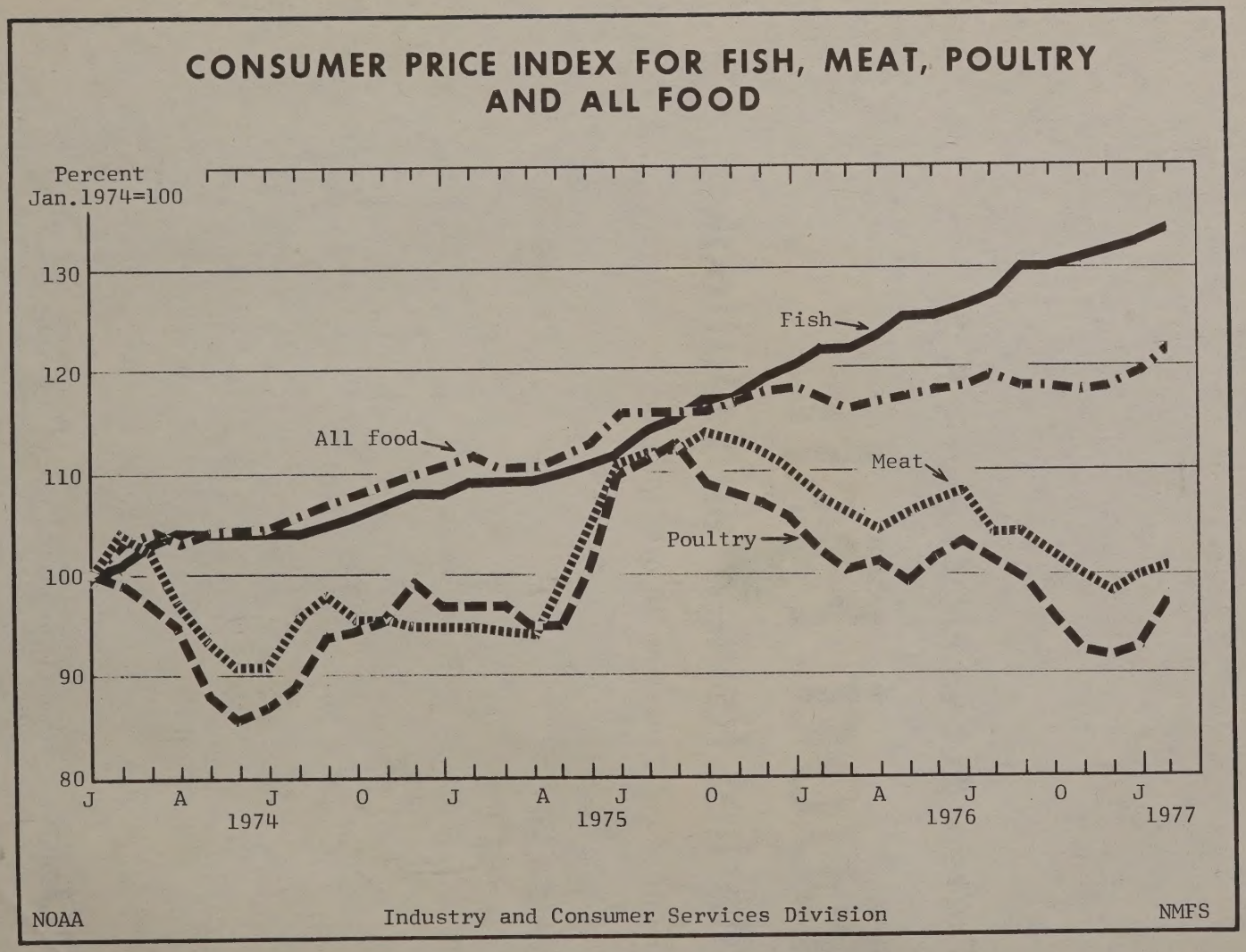
CONSUMER PRICE INDEX FOR FISH, MEAT, POULTRY AND ALL FOOD
Percent
Jan.1974=100
130
120
110
100
90
80
Fish
All food
Meat
Poultry
J
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1974
1975
1976
1977
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Figure 1

FOOD FISH

MARKET REVIEW AND OUTLOOK

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SUMMARY

The market for the finfish products in 1976 was characterized by improved consumption and larger supplies. Per capita consumption of fresh and frozen fish rose 10 percent to 5.5 pounds, while the total for canned fish was unchanged. Sales of sticks and portions increased 14 percent above a year ago while cod fillets posted a 34-percent gain. Salmon and canned sardines sales were also above 1975 levels. However, consumption of canned tuna declined slightly. Rising per capita income coupled with increased sales in the food service sector were prime factors in the overall improvement in the finfish market.

Prices for most products rose during the year. For example, wholesale prices for fish sticks and portions increased about a third from a year earlier, while cod fillet prices were up 20 percent. Flounder fillets were 23 percent higher and canned white meat tuna prices rose 20 percent. Canned sardine and canned salmon prices were generally stable during the year.

The higher quantity demanded in 1976 was associated with an increase in supplies. Production of sticks and portions rose 3 and 15 percent, respectively, prompting imports of blocks to increase 21 percent to a record level. Fillet supplies increased slightly, led by a 30-percent gain in cod imports and 20-percent gains in both flounder and haddock imports. Increased supplies of salmon were the result of a 64-percent increase in domestic production. Species which experienced lower supplies during 1976 included ocean perch, turbot, and halibut.

Consumption of fishery products is expected to remain high in 1977, although increases could be limited by tight supplies. Supplies of groundfish (blocks and fillets) may tighten as a result of the extended fishery zones declared by the major fishing nations. In addition, strong competition for groundfish products overseas may draw imports away from the United States market. Pollock block imports from the Republic of Korea could also decrease as a result of restrictions placed by the United States and the Soviet Union on fishing within their 200-mile fishing zones. Tight supplies in relation to the quantity demanded will likely cause prices to rise, although gains will be limited by buyer resistance to the current record level of prices and continued strong competition from relatively lower priced meat and poultry products (fig. 1).

REVIEW AND OUTLOOK

FISH BLOCKS, STICKS AND PORTIONS

STICKS AND PORTIONS

Consumption of sticks and portions in the United States rose to a record high in 1976 after two years of declines (fig. 2). Consumption totalled 438 million pounds, an increase of 14 percent from a year ago and 15 percent from the most recent 5-year average (table 1). The gain in consumption during 1976 occurred despite a sharp increase in prices. The wholesale prices for cod portions and sticks, for example, rose more than a third during the year.

An expansion in the number and sales of fast food restaurants, particularly those specializing in seafoods, spurred the gain in consumption of sticks and portions. This was especially advantageous to portions since about three quarters of the portions marketed in the United States go to restaurants and other institutional establishments. Based on production figures, portions led the overall gain with a 15-percent increase over a year earlier for an annual total of 340 million pounds.

Table 1.--Supply and utilization of fish sticks and portions, January-December 1975-76

Component	1975	1976	Change
	-Million pounds-		-Percent-
Beginning inventory	33.3	35.5	+ 6
Production			
Sticks	91.1	93.4	+ 3
Portions	295.6	340.1	+ 15
Total	386.7	433.5	+ 12
Imports	.4	.6	+ 50
Total supply	420.4	469.4	+ 12
Ending inventory	35.3	31.0	- 12
Apparent consumption	385.1	438.4	+ 14

The price of portions rose rapidly during the year. Cod portions increased to 97 cents per pound by November, after starting the year at 71 cents. Pollock portion prices rose from 53 cents per pound in January to a peak of 67 cents in September, then eased slightly during the remainder of the year.

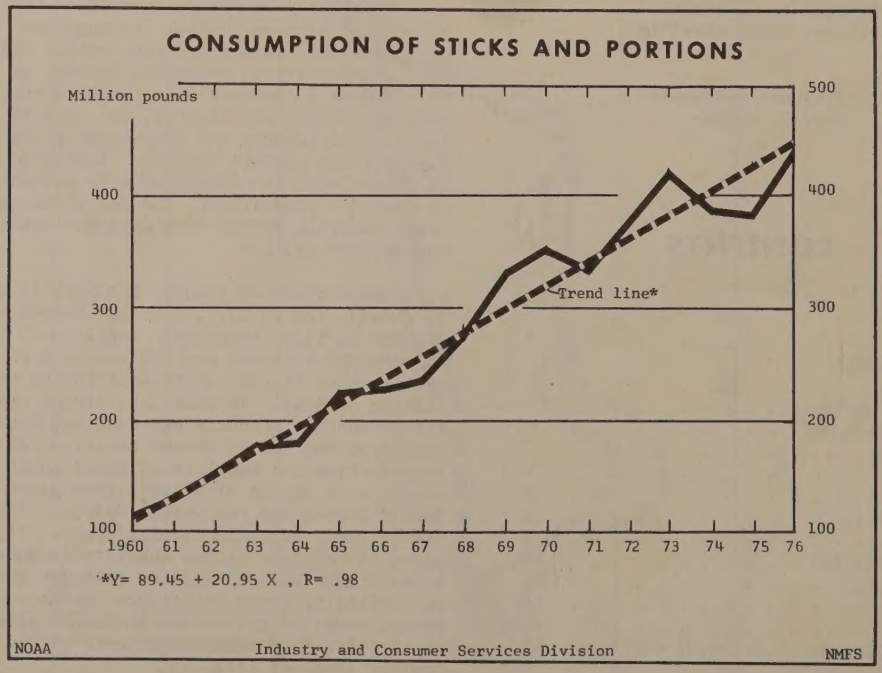

Figure 2

Production of fish sticks rose only 3 percent to 93 million pounds. Wholesale prices posted gains similar to those for portions. Although consumption data do not give a breakdown between sticks and portions, fish sticks, which are marketed almost exclusively by the grocery trade, apparently experienced stiff price competition from other protein products. In a survey of retail prices conducted by NMFS, the price of sticks recorded an 11 percent increase during the year, while the prices of ground beef and whole chicken were down 6 and 12 percent, respectively.

FISH BLOCKS

Record production of sticks and portions strained the available supplies of blocks (table 2). Nearly 400 million pounds of blocks were utilized, which was 87 million pounds more than a year earlier. Imports during the year increased only 68 million pounds and therefore caused ending inventories to be drawn down sharply. The inventory carryover into 1977 was only 61 million pounds, about a 63-day supply at the current rate of usage, compared to last year's carryover of 79 million pounds or about a 74-day supply (table 3).

Table 2.--Supply and utilization of fish blocks, January-December 1975-76

Component	1975	1976	Change
	-Million pounds-		-Percent-
Beginning inventory	75.7	79.0	+ 4
Production	2.2	2.7	+ 23
Imports	313.5	378.7	+ 21
Total supply	391.4	460.4	+ 18
Ending inventory	79.0	61.1	- 23
Disappearance	312.4	399.3	+ 28

Table 3.--January 1 inventories of blocks by species, 1976-77

Species	1976	1977	Change
	-Million pounds-		-Percent-
Cod	30.4	14.5	- 52
Flatfish	3.3	8.7	+ 162
Haddock	9.9	2.4	- 76
Pollock	14.2	15.7	+ 11
Whiting	1.6	6.5	+ 250
Minced	11.2	7.9	- 29
Other	8.4	6.2	- 26
Total	79.0	61.1	- 23

Imports rose to a record 379 million pounds during 1976. Iceland was the principal supplier of blocks, in total, followed by the Republic of Korea, Canada, Denmark, Norway, and Japan in that order. Cod maintained its lead role among block imports with 48 percent of the total, followed by pollock which accounted for 25 percent (table 4). Primary suppliers of cod blocks, in order of importance were Denmark, Iceland, Canada, and Norway. The Republic of Korea was the principal supplier of pollock blocks (61 percent of the total), followed by Japan (11 percent of the total).

Table 4.--Imports of blocks by species, January-December 1975-76

Species	1975	1976	Change
	-Million pounds-		-Percent-
Cod	160.9	180.1	+ 12
Flatfish	12.8	21.7	+ 70
Haddock	36.6	28.5	- 22
Pollock	74.8	95.7	+ 28
Whiting	8.7	20.6	+ 137
Minced	9.9	14.5	+ 46
Other	9.7	17.6	+ 81
Total	313.5	378.7	+ 21

Prices of blocks rose sharply during the year. Wholesale prices of cod blocks climbed to 89 cents per pound in December, up 48 percent from the average prices quoted at the start of the year (fig. 3). Pollock block prices peaked in September at 52 cents and held steady throughout the remainder of the year after starting the year at 36.5 cents per pound.

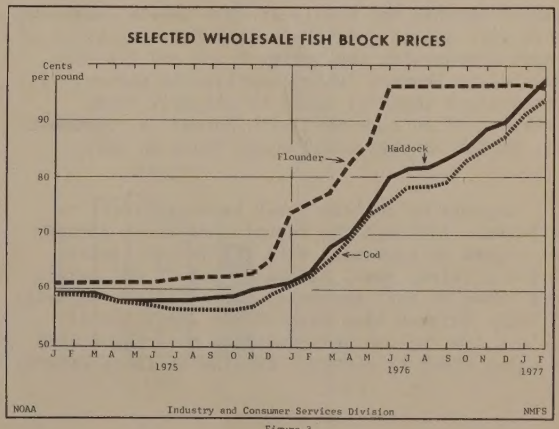

Figure 3

OUTLOOK

Consumption of sticks and portions will remain high during 1977. The continued strength of the fast food market is expected to cause sales of portions to further expand. Retail sales, however, could turn lower as the price of sticks and portions will likely continue to increase relative to meat and poultry prices. The expected increases in the price of sticks and portions will be in response to the gain in block prices (the raw material for fish sticks) recorded during the latter part of 1976 and the first quarter of 1977. Furthermore, the U.S. Department of Agriculture forecasts that record-high red meat supplies during the first half of 1977 will keep retail prices below year earlier levels. After a slight upturn this summer, larger supplies of beef and pork next fall will bring meat prices back down. In addition, the Agriculture Department expects poultry prices to increase slightly this spring, but average well below a year earlier. Poultry prices may further rise this summer but are expected to only reach 1976 levels.

Current tight supplies of cod blocks have placed a great deal of pressure on users, particularly those that exclusively utilize cod. Inventories of cod blocks on March 1, 1977 were 9.5 million pounds, 58 percent below a year earlier. As a result, cod block prices have continued to rise during the first quarter to 95 cents per pound in March. Blocks prices, however, are expected to level as imports seasonally increase in the second quarter in response to early year fishing overseas.

The advent of the 200-mile fishing zone creates uncertainty concerning supplies of fish blocks in the United States. Catches of two of the major exporters of fish blocks, Canada and Iceland, are expected to be stable or increase slightly from 1976 levels. Catches in Norway and Denmark, however, are much more uncertain. Norwegian catches may remain at 1976 levels, although this will depend upon the successful completion of negotiations with the Soviet Union and the EEC. Catches by Denmark (which supplies 14 percent of total block imports) could be slightly lower. However, if an agreement with Norway is consummated, Danish catches could equal those in 1976.

Imports of pollock could be significant restricted. Although the Republic of Korea already has signed an agreement with the United States, it has a fairly small allocation of 75,800 metric tons based on past harvests. In addition, majority of their catches have been within 200 miles of the U.S.S.R. but no agreement has been negotiated to allow Korea to continue fishing in those waters.

GROUNDFISH FILLETS

Total supplies of groundfish fillets during 1976 were slightly above 1975, although not all species posted gains. Higher imports of cod, flounder, and haddock fillets were the prime factor in the increase, since total January 1 inventories and U.S. landings were down from a year earlier (table 5). Among principal suppliers, shipments from Canada and Japan were about the same as in 1975, while imports from other countries, notably Iceland and Denmark, increased substantially (table 6).

Table 5.--Supplies and utilization of groundfish fillets, 1974-76

(Fillet weight)

Component	1974	1975	1976
	-Million pounds-		
Beginning inventory	76.0	68.8	51.9
U.S. Landings	92.9	94.7	90.1
Imports	236.4	290.3	319.9
Total supply	405.3	453.8	461.9
Ending inventory	68.8	51.9	55.2
Apparent consumption	336.5	401.9	406.7

Note: Includes cod, haddock, flounder, turbot, and ocean perch.

Table 6.--U.S. imports of groundfish fillets by country, 1975-76

(Fillet weight)

Country	1975	1976	Change
	-Million pounds-		-Percent-
Canada	137.4	137.3	-
Iceland	55.9	69.0	+ 23
Japan	54.0	52.2	- 3
Denmark	17.4	27.4	+ 57
Norway	20.6	21.9	+ 6
United Kingdom	6.6	8.7	+ 32
Other	6.5	12.8	+ 92
Total	298.6	329.0	+ 10

Note: Includes cod, cusk, flounder, haddock, hake, ocean perch and turbot.

Relatively heavy imports supported a 34-percent gain in the consumption of cod fillets, and a 9-percent increase for haddock (fig. 4) Those increases, however, were nearly offset by sharp declines in consumption of ocean perch and turbot. Consumption of flounder fillets was off slightly from a year earlier. Overall, consumption of groundfish fillets increased slightly more than 1 percent to 407 million pounds.

COD

The strong demand which developed in 1975 for cod fillets continued in 1976 as consumption rose to a record 145.4 million pounds (table 7). The major factor apparently was the expansion of sales through fast food restaurants.

Total supplies were up 24 percent on the strength of heavier imports and higher January 1 inventories. The 118.5 million pounds imported was 20 percent above the previous record level in 1972. Shipments from Iceland, the leading supplier, increased by 9 million pounds to total 50 million pounds. Imports from Canada, Denmark,

Table 7.--Supply and utilization of cod fillets, 1975-76

(Fillet weight)

Component	1975	1976	Change
	-Million pounds-		-Percent-
Beginning inventory	17.8	21.7	+ 22
Landings	21.7	21.3	- 2
Imports	91.0	118.5	+ 30
Total supply	130.5	161.6	+ 24
Ending inventory	21.7	16.2	- 25
Apparent consumption	108.8	145.4	+ 34

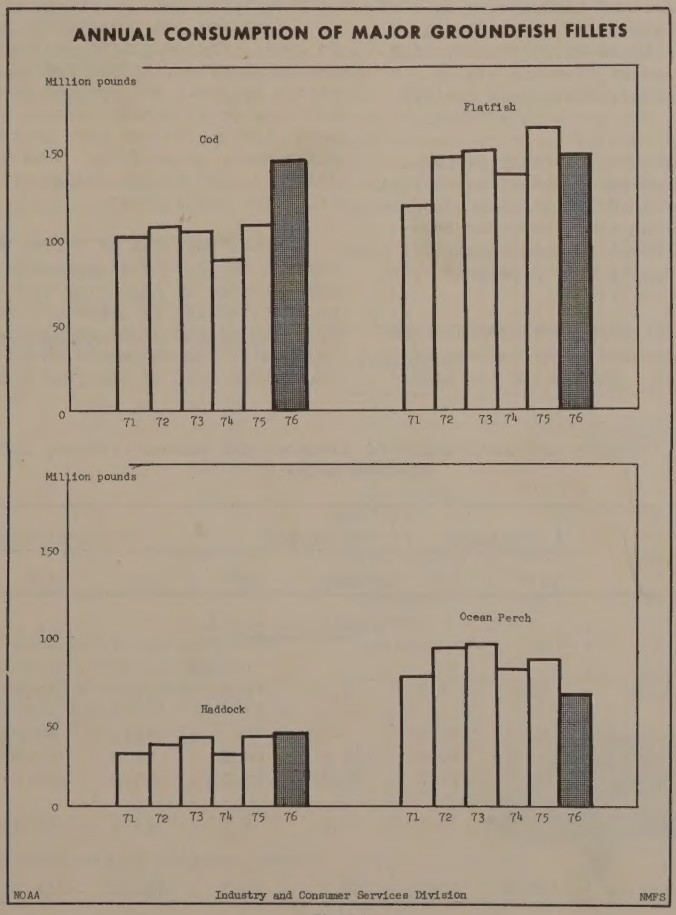

Figure 4

and Norway also increased 24 percent relative to their combined shipments during 1975. Apparently, substantially larger foreign catch and higher prices in the United States prompted the gain in imports. Wholesale prices of cod fillets during 1976 were in the 70- to 75-cents-per-pound range, which was 15 to 20 percent higher than a year earlier (fig. 5). Domestic landings of Atlantic and Pacific cod during the year of 21.3 million pounds were nearly the same as the catch levels during 1975. Carryover inventories dropped to 16.2 million pounds, compared with 21.7 million pounds a year earlier, but were still slightly above the most recent 5-year average.

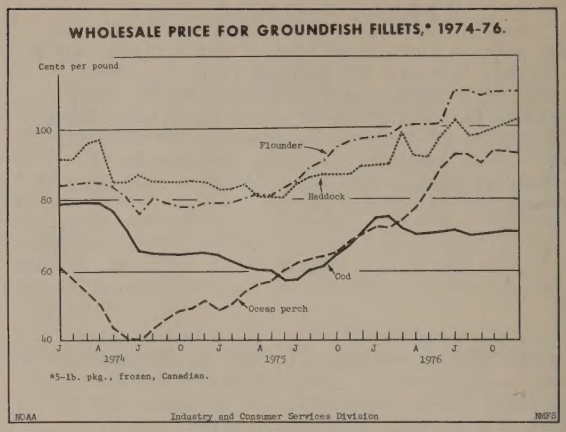

Figure 5

FLATFISH

Total supplies of flatfish (flounder and turbot) available during 1976 declined about 6 percent from 1975 levels. This decline was primarily attributed to lower inventories at the beginning of the year. Inventories on January 1 were 43 percent lower than a year earlier, the result of the record level of consumption in 1975. A 2.6-million-pound increase in imports was not enough to offset the lower level of stocks. Consumption decreased 9 percent, leaving ending inventories 5 million pounds above year earlier levels (table 8).

The flounder market was generally stable in 1976. Declines in beginning inventories and U.S. landings were offset by an 9.2-million pound increase in imports, leaving total supplies relatively unchanged from 1975. Sales during 1976 were fairly stable, slipping only 2 percent from 1975.

Wholesale and retail prices of frozen flounder fillets in 1976 increased by an average 23 percent over 1975 levels. This price increase occurred during the first three quarters of the year since prices stabilized during the fourth quarter.

Supplies and consumption of turbot were down in 1976. The reduction in the quantity demanded can be partially attributed to resistance to rising prices. The average wholesale price during 1976 was up 17 percent from a year earlier. In the past, turbot fillets were priced below cod and the other major groundfish. However, the 1976 price increase made turbot fillet prices comparable to those for cod fillets.

Total supplies of turbot fillets were off 16 percent to 52.2 million pounds as a result of a 44-percent drop in beginning inventories and an 11-percent decline in imports. Shipments of turbot from Canada and Japan declined 13 percent during 1976, with the decreases occurring primarily during the latter half of the year (table 9).

Table 8.--Supply and utilization of flounder and turbot fillets, 1975-76
(Fillet weight)

Component	Flounder		Turbot		Total flatfish	
	1975	1976	1975	1976	1975	1976
	Million pounds					
Beginning inventory	12.5	7.1	9.9	5.6	22.4	12.7
U.S. landings	56.3	53.0	-	-	56.3	53.0
Imports	45.9	54.1	52.4	46.6	98.3	100.9
Total supply	114.7	114.2	62.3	52.2	177.0	166.6
Ending inventory	7.1	9.1	5.6	8.5	12.7	17.7
Apparent consumption	107.6	105.1	56.7	43.7	164.3	148.9

Table 9.--U.S. imports of turbot fillets, 1975-76

Country	1975	1976
	Million pounds	
Canada	5.0	4.1
Iceland	.1	1/
Japan	46.8	41.2
Norway	.2	.1
Poland	.2	1.1
Greenland	1/	-
Other	.1	.1
Total	52.4	46.6

1/ Less than 50,000 pounds.

HADDOCK

The haddock fillet market was highlighted by an 8-percent increase in consumption relative to 1975 and an increase in supplies to 52.4 million pounds from 49.5 million pounds a year earlier (table 10). Low beginning inventories and declines in U.S. landings were more than offset by increases in imports, particularly during the first three quarters of the year.

Table 10.-- Supply and utilization of haddock fillets, 1975-76

Component	1975	1976	Change
	Million pounds		Percent
Beginning inventory	10.4	7.5	- 28
Landings	5.7	4.6	- 19
Imports	33.4	40.3	+ 21
Total supply	49.5	52.4	+ 6
Ending inventory	7.5	7.0	- 7
Apparent consumption	42.0	45.4	+ 8

Imports of haddock averaged 19 percent above the 1975 levels 1/. Shipments from all major suppliers, Iceland, Norway, Denmark, and Canada, increased. Overall, imports accounted for more than 75 percent of the total U.S. supply of haddock fillets.

1/ This includes minor quantities of pollock, hake, and cusk imports.

1976 wholesale prices increased to average $0.96 per pound for frozen fillets and $1.65 per pound for fresh fillets compared to $0.85 and $1.30, respectively in 1975. Retail prices for fresh fillets also rose markedly relative to 1975, ending the year at $2.41 per pound compared to $2.07 in December of 1975.

OCEAN PERCH

Consumption of ocean perch fillets was 67 million pounds during 1976, the lowest level since 1967 (table 11). Average wholesale prices posted a 41-percent gain while retail prices increased 16 percent.

Total supplies were 16 percent below 1975 levels. Landings of ocean perch in the Pacific declined 25 percent because of substantially smaller catches off the coast of Washington. However, this decline was offset by increased Atlantic catches, leaving total U.S. landings unchanged from 1975.

Inventories on January 1, 1976, were 45 percent below year earlier levels. This was, in part, due to a slight recovery in consumption of ocean perch fillets during 1975. Quantities imported also decreased during the year. Canada, the major supplier, exported 15 percent less than in 1975. Lower Canadian landings and greater quantities of ocean perch processed into frozen blocks were contributing factors to this decline.

Table 11.--Supply and utilization of ocean perch fillets, 1975-76
(Fillet weight)

Component	1975	1976	Change
	Million pounds		Percent
Beginning inventory	18.2	10.0	- 45
Landings	11.0	11.2	+ 2
Imports	67.6	60.1	- 11
Total supply	96.8	81.3	- 16
Ending inventory	10.0	14.3	+ 43
Apparent consumption	86.8	67.0	- 23

OUTLOOK

Consumption of groundfish in the first half of the year is expected to be about the same as 1976. Supplies and prices of ocean perch, flounder, haddock, and turbot are also expected to be stable. However demand for cod fillets will continue strong, and prices can be expected to rise in response to limited supplies. Low inventories of cod in EEC countries and a recent strike among Canadian fishermen in the Atlantic provinces may restrict supplies of cod in the first half of the year.

The impact of extended fisheries jurisdiction of groundfish supplies is still unknown, although possible implications cannot be ignored. Catches in 1977 by Canada, and Iceland should equal 1976 levels since these countries fish to a large extent within their 200-mile zone. In Denmark, landings may decrease as Danish fleets are restricted from foreign waters, thereby reducing quantities available for export to the United States. Also, elimination of United Kingdom fleets off foreign coasts will increase their demand for fillet imports, and place the United Kingdom in direct competition with United States buyers for groundfish supplies. If supply shortages do develop as a result of these changes, prices in the United States could increase significantly in the next few months.

U.S. landings in 1977 are expected to remain fairly stable. The 1977 allowable domestic catch of Atlantic cod is less than the combined foreign and domestic harvest in recent years. However, the 25,000 metric ton allocation to U.S. commercial fishermen is slightly in excess of their average catch levels in recent years. The cod allocations, therefore, should not limit domestic landings and should allow stock rebuilding in this area. The haddock allocation (6,200 metric tons) to U.S. fishermen is also slightly higher than domestic catches in recent years and, therefore, should not curtail domestic catches during 1977. Allowable catches of yellowtail flounder (14,000 metric tons) are slightly less than recent domestic landings. This reduction could place upward pressure on fresh flounder fillets over the next year.

HALIBUT

Supplies of halibut in the United States dropped during 1976, as both domestic landings and imports fell below year earlier levels (table 12). The combined United States and Canadian landings of 26.5 million pounds (dressed weight) were slightly in excess of the quota set by the International Pacific Halibut Commission. United States vessels accounted for 14.6 million pounds (down 10 percent from 1975) and Canadian vessels the remaining 11.9 million pounds. Imports from Canada and Japan, the major United States suppliers were down more than 20 percent (table 13).

Table 12.--Supply and utilization of halibut, 1975-76

(Dressed weight)

Component	1975	1976	Change
	-Million pounds-		-Percent-
Beginning inventory	8.5	8.3	- 2
Landings	16.2	14.6	- 10
Imports	14.3	11.6	- 19
Total supply	39.0	34.5	- 12
Ending inventory	8.3	9.5	+ 14
Apparent consumption	30.7	25.0	- 19

Relatively low supplies resulted in much higher prices in 1976. For the year, the New York wholesale price for dressed, frozen halibut averaged $1.61 per pound, up 28 percent from the prior year's average. The retail price for frozen steaks, at New York, averaged $3.04 per pound, a 30-percent gain from a year earlier. Much of the increase in wholesale prices occurred from June through September when supplies were off six percent from a year earlier. High prices apparently met buyers resistance during the period as consumption declined 36 percent from 1975, and inventories increased 7.3 million pounds compared to 5.2-million-pound increase a year earlier. Wholesale prices generally stablized during the remainder of the year. Fourth quarter supplies posted a 10-percent gain and consumption improved to year earlier levels.

Table 13.--U.S. imports of Pacific halibut, 1975-76

Country	1975	1976	Change
	-Million pounds-		-Percent-
Canada	7.1	5.7	- 20
Japan	6.7	5.2	- 22
Other	.5	.7	+ 40
Total	14.3	11.6	- 19

OUTLOOK

The International Pacific Halibut Commission (IPHC) announced that the halibut catch quota for 1977 would be set at 22 million pounds (dressed weight), 3 million less than in 1976. In a recent press release, the IPHC reported that stocks of halibut are far below the maximum sustainable yield of the stocks. The release further stated that a reduction of incidental halibut catches by foreign fishermen coupled with severe restrictions on Canadian and United States halibut vessels are needed to rebuild the resource. The reduced quota and continuing low imports will increase pressure on prices during 1977, although gains will be constrained by some fairly stiff buyer resistance to the higher price levels.

FRESHWATER CATFISH

Supplies of farm-raised catfish sold to processors rose 18 percent to 19 million pounds (live weight) in 1976. Farmers received an average 52.8 cents a pound for their fish, up from 48.5 cents a year ago. The increased supply to processors was primarily attributed to larger total supplies available based on a small addition in the acreage devoted to catfish farming and a greater yield per acre.

Processed catfish production totalled 11.8 million pounds, 15 percent above a year earlier (table 14). In 1976, 63 percent was sold fresh with the remaining 37 percent sold frozen. The average F.O.B. plant value increased 7 cents a pound from 1975 for both the fresh and frozen product.

Although domestic production increased, imports of catfish dropped slightly in 1976 to 10.3 million pounds. Brazil continues to be the leading supplier of catfish to the United States with 97 percent of total imports.

OUTLOOK

The market demand for catfish is expected to be strong during the first half of 1977, however, supplies in the second quarter may become tight. Prices paid to farmers for farm-raised catfish are expected to remain strong due to competition from live/haul and recreational markets. Prices to farmers from processors could reach 60 cents a pound (10 cents more for live/haul and recreational). Imports from Brazil are expected to increase over the next several months and could dampen the upward pressure on prices.

SALMON

Supplies and consumption of salmon increased in 1976, as the pack was the largest since 1971 (fig. 6). About 2.7 million standard cases were produced, 64 percent above 1975, although still 12 percent below the 1968-72 average (table 15). The improved 1976 pack of salmon was due in part to large runs in the central region of Alaska. A better than average run of reds in Bristol Bay and excellent catches in the central section of Alaska provided a 54-percent gain in the production of reds to just over 1 million cases. In addition, 1.2 million cases of pink salmon were packed, the first time in 5 years that production of a single species surpassed 1 million cases. The pack of pink salmon was aided by a huge run in Kodiak, as that area provided nearly one-half of the production of pinks. The chum pack was still nearly one-third below the 1970-72 average of 562,000 standard cases, although output increased 67 percent over 1975. Except for a very good run of pinks in Ketchikan, the southeastern region of Alaska continued to suffer from resource problems due to damage of spawning grounds caused by flooding and a severe winter in the early 1970's.

Table 14.--Production of processed farm-raised catfish, 1975-76

Year	Fresh		Frozen		Total	
	Quantity	Price	Quantity	Price	Quantity	Price
	Mil. lbs	Cents/lb	Mil. lbs	Cents/lb	Mil. lbs	Cents/lb
1975	6.2	1.11	4.1	1.18	10.3	1.13
1976	7.5	1.18	4.3	1.25	11.8	1.20

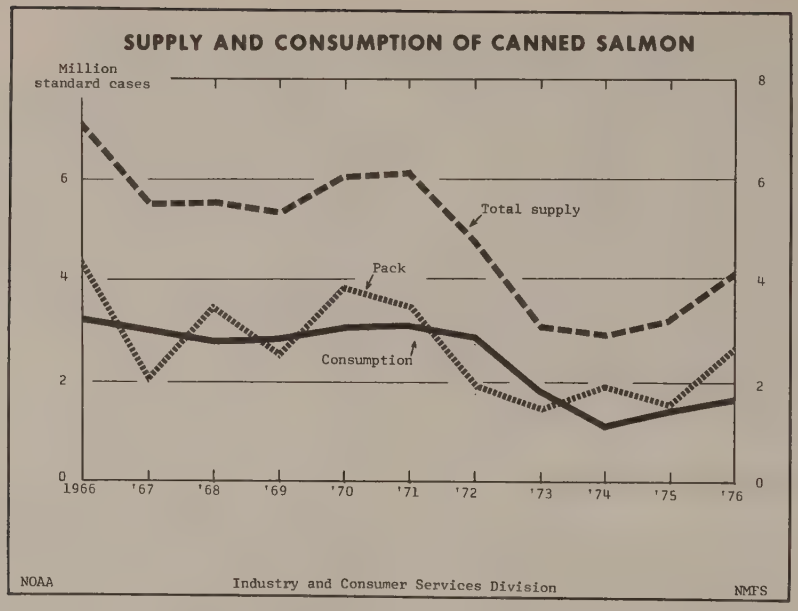

Figure 6

Table 15.--Production of canned salmon by species, 1968-72 average and 1975-76

Species	1968-72 average	1975	1976	Change 1976 from 1975
	Thousand standard cases			Percent
King	63	17	15	- 12
Red	1,085	630	1,002	+ 54
Coho	132	63	41	- 35
Pink	1,260	621	1,238	+ 99
Chum	511	225	376	+ 67
Total	3,053	1,627	2,672	+ 64

Table 16.--Canner's stocks of canned salmon, by species, January 1, 1976-77

Species	January 1, 1976	January 1, 1977	Change
	Standard cases		Percent
King	13,521	12,976	- 4
Red	273,691	412,008	+ 51
Coho	47,341	33,230	- 30
Pink	497,763	951,971	+ 91
Chum	183,179	262,287	+ 43
Total	1,015,494	1,672,427	+ 65

The increase in production in the second half greatly improved available supplies which were extremely low at mid-year. For example, 338,937 standard cases on hand at the beginning of June were the third lowest in the past 10 years. However, the 2.7 million cases packed during the third quarter caused available supplies in the second half of 1976 to rise about 25 percent. When combined with only a 6-percent increase in consumption, canner's stocks by the end of the year were 65 percent greater than a year earlier. Slower movement of pinks and reduced shipments of chums allowed inventories to build to 1.67 million standard cases on January 1, 1977 (table 16). Of this total, the stocks of pinks were nearly a million cases, or 57 percent. Inventories of reds accounted for another 25 percent and chums the remaining 16 percent. Distributors' stocks were estimated to be 9 percent above a year ago.

Consumption increased about 6 percent to 1.6 million standard cases or 78 million pounds (table 17). Data regarding movement during a 7-month period from June 1, 1976 to January 1, 1977 indicate that shipments of ½-lb and 1-lb reds were over 30 percent above a year ago, 1-lb pinks increased 23 percent while ½-lb pinks declined 4 percent. In the case of chums, shipments of ½-lb and 1-lb cans each dropped by nearly 25 percent.

Exports of 19.6 million pounds of canned salmon failed to match the 22.5-million-pounds shipped in 1975. Shipments rebounded in the second half after being off 50 percent in the first half. Lower sales in the first half were attributed to reduced supplies available. Shipments to the largest buyer, the United Kingdom, declined a third; although second half purchases were slightly greater than a year ago.

Table 17.--Supply and utilization of canned salmon, 1975-76

Component	1975	1976	Change
	-Thou. std. cases-		-Percent-
Beginning inventory	1,668	1,354	- 19
Production	1,627	2,672	+ 64
Imports	68	53	- 22
Total supply	3,363	4,079	+ 21
Ending inventory	1,354	2,042	+ 51
Exports	469	408	- 13
Apparent consumption	1,540	1,629	+ 6

Not only were exports of canned salmon down, imports were also off (13 percent). Improved supplies in the second half kept imports for the year at 2.5 million pounds, as only 324,000 pounds were shipped in the second half compared to 2.2 million pounds in the first 6 months.

Although exports of fresh and frozen salmon improved in the second half, the total for the year was 13 percent below a year ago. Of the 41.9 million pounds exported, France continued to be the leading buyer with 15 million pounds, followed by the United Kingdom and Japan, each purchasing over 5 million pounds.

Even though supplies fluctuated widely during the year, wholesale prices of canned salmon were generally steady for the 3 major species. Prices of pink and chum salmon varied only 1 to 2 percent all year. Prices of red salmon increased early in the year, but remained steady until October, when prices dipped slightly. During the first 3 months of 1977 wholesale prices of red salmon rose 4 percent. Prices of 1-lb cans of salmon at the end of March were $85 to $90 for reds, $56 to $60 for chums and $62 to $66 for pinks. At the retail level, prices generally followed the pattern of wholesale prices. Prices of pink salmon were steady throughout the year varying only a few cents per pound around $2.00 per can. Canned red salmon prices were generally stable during the year before dropping about 6 percent in the fall.

OUTLOOK

The 50-percent improvement in beginning-of-the-year stocks attributable to the 2.7-million-case pack has bolstered available supplies this year. Greater supplies and generally stable prices should support a higher level or consumption and exports in the first half of 1977. The bulk of that increase should be in pink as large inventories have caused canners to give promotional allowances. As indicated by the recent improvements in the movement and prices of red salmon, sales will continue to be strong. With demand expected to remain high, stocks will be drawn down and prices will gradually increase, until the new production enters the market in the second half. The sluggish movement of chums will likely continue, but sales could begin to improve as stocks of reds and pinks are reduced. Overall, consumption of canned salmon in the first half is likely to increase by around a quarter.

SARDINES

Total supplies of canned sardines during 1976 increased as a result of higher imports. The pack of Maine sardines totalled approximately 25 million pounds (1,067 thousand standard cases), about the same as in 1975. Expectations of a larger pack, based on early spring/summer catches, did not materialize because of lower levels of production during August and September.

Imports totalled 54 million pounds compared with 37 million pounds a year ago (table 18). Shipments from Norway and South Africa, the two major exporters, increased by 10.6 million pounds. Larger catches abroad and a firmer U.S. market were two principal factors in the gain in imports. For example, the sardine (pilchard) catch off South Africa doubled in 1976 compared with a year earlier.

Table 18.--U.S. imports of canned sardines by country, 1974-76

Country	1974	1975	1976
	-Million pounds-		
Canada	5.3	3.3	4.2
Norway	22.8	12.0	18.4
Denmark	.6	.3	.6
Spain	2.6	1.7	2.8
Portugal	3.5	2.7	3.7
Peru	.5	-	1.5
Republic of South Africa	29.9	12.6	16.8
Other	3.9	4.5	5.9
Total	69.1	37.1	53.8

Wholesale and retail prices were relatively stable during the year despite large increases in supplies. The wholesale price of Maine sardines (¼ pound/100's) ranged between $21.60 and $23.10 per standard case. During 1975, comparable range was $22.05 to $23.05 per standard case. Retail prices for Maine sardines (keyless) were a consistent 33 to 34 cents per can, about a cent above a year earlier.

OUTLOOK

Domestic canned sardine production during 1977 is expected to be at about the same level as in 1976. Quotas on the herring catches in the U.S. Fishery Conservation Zone should not affect domestic catches from the inshore sardine fisheries. Predictions for foreign catches are less certain although South African reports indicate that 1977 pilchard catches are expected to equal the 1976 level. With supplies expected to be at year earlier levels prices should remain steady at all market levels.

TUNA

The situation in canned tuna during 1976 was one of increased production, and prices. The 1976 pack of tuna totalled 31.6 million cases, nearly 5 million cases above the 1975, but 5 percent below the record pack in 1974. The expansion in production is reflected in an increase in supply (pack plus imports) of 100 million pounds to 683 million pounds (fig. 7). Despite the increase in supplies, per capita consumption in 1976 was an estimated 2.8 pounds, down 0.1 pounds from the amount consumed a year earlier.

The main contributor to the increased pack was record receipts of domestic-caught tuna of 328,763 short tons (table 19). Receipts of both yellowfin and skipjack during 1976 reached all-time highs (17 and 38 percent, respectively, above 1975 levels). Receipts of yellowfin increased steadily throughout the year until mid-October, when purse seining for yellowfin in association with porpoises was prohibited. Skipjack receipts were good in the first half, but slackened off in the second half of the year. Bluefin receipts between 1975 and 1976 increased by 23 percent, while albacore receipts decreased by 5 percent. Larger receipts of yellowfin, skipjack, and bluefin resulted in the domestic tuna fleet accounting for 55 percent of total receipts of raw tuna (domestic and imported), approximately 15 percent above comparable 1973/1974 levels.

Table 19.--Receipts of domestic-caught tuna by U.S. canners by species, 1975-76

Species	1975	1976	Change
	- - -Short tons- - -		-Percent-
Albacore	18,044	17,146	- 5
Bluefin	7,952	9,812	+ 23
Skipjack	76,361	105,530	+ 38
Yellowfin	167,573	196,274	+ 17
Total	269,930	328,763	+ 22

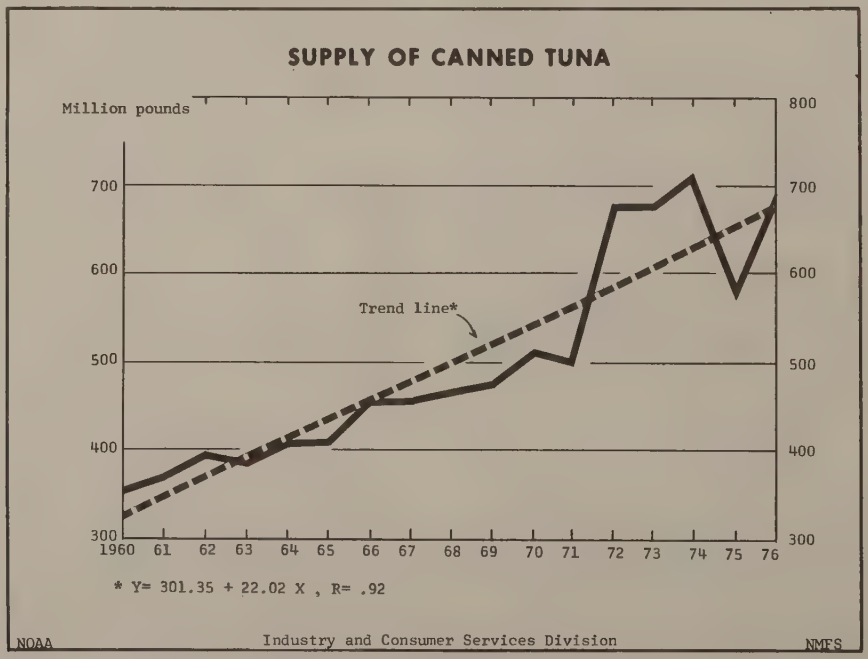

Figure 7

Imports of raw tuna totalled 526 million pounds, 28 percent above the quantities received during 1975 (table 20). The gain in tuna imports was strongest in the fourth quarter when more than a third of the total was shipped to the United States. For the year, the increase was led by a 35-percent increase in imports of skipjack and a 59-percent expansion in albacore imports. Shipments of yellowfin fell 10 percent to under 100 million pounds as stiffer foreign demand for yellowfin tuna diverted shipments. Japan continues to be the major supplier of raw tuna accounting for 26 percent of all imports. Japan's share increased 7 percent between 1975 and 1976, but remained below the 45 to 53 percent shipped between 1970 and 1974. Panama ranked second in raw tuna imports despite a 30-percent decline in shipments. The next three ranking countries were New Guinea (Papua), Taiwan and the Republic of Korea with about 7 percent apiece.

Table 20.--U.S. imports of raw and canned tuna, by species, January-December 1975-76

Component	1975	1976	Change
	-Million pounds-		-Percent-
Raw tuna			
Albacore	105.5	168.3	+ 59
Skipjack	176.2	237.2	+ 35
Yellowfin	110.7	99.2	- 10
Not specified	17.2	20.9	+ 22
Total raw	409.5	525.6	+ 28
Canned tuna			
In oil	.2	.3	+ 50
In brine			
Albacore	30.4	34.9	+ 15
Other	21.0	23.7	+ 13
Total in brine	51.5	58.6	+ 14
Total canned	51.7	58.9	+ 14

Imports of canned tuna totalled 58.9 million pounds in 1976, 14 percent above the quantity imported during 1975. Despite the expanded level of canned imports, the percentage of the total supply (pack plus imports) accounted for by imports remained stable at approximately 9 percent (table 21).

Canned tuna imports in brine were dominated by Japan, although its share dropped from 88 percent to 80 percent. Japan shipped 95 percent of all canned white meat tuna, but only 60 percent of the light meat tuna as a half dozen countries have begun to expand shipments of light meat tuna to the United States. Ecuador, Mexico, Philippines and Canada have more than doubled shipments, while Taiwan and Thailand have increased imports by 92 percent and 62 percent, respectively.

Table 21.--Supply of canned tuna, 1970-76

Year	U.S. pack	Imports	Total supply
	-Million pounds-		
1970	438	72	510
1971	439	60	499
1972	620	56	676
1973	636	38	674
1974	660	53	713
1975	529	52	581
1976 1/	624	59	683

1/ Preliminary.

Despite supply increases, prices were at record levels. The prices paid to fishermen continued to increase throughout the year. For example, negotiated prices for the first two trips in 1976 were set at $580 and $585 per ton for yellowfin. By mid-year fishermen were receiving $600 a ton for yellowfin. Exvessel prices continued to move upward, and by year's end fishermen were receiving $630 a ton for yellowfin. Skipjack was priced at $40 a ton below the current yellowfin price.

Similar increases occurred in the price of albacore. Fishermen were paid $910 a ton for albacore at the start of the season but by the end of the year canners were paying $1,000 a ton.

The higher cost of raw tuna was also partially reflected in the record wholesale prices of canned tuna. This was most evident in the price of white meat tuna, as there was a $10 a case increase during the year. Prices in December for solid white meat tuna were quoted at $39 a case in brine and $39.85 in oil. The increase in light meat tuna was not great, with advertised brands being quoted at $29 to $30 a case in December compared to $24.70 in January. Prices of private label chunk light tuna increased less than $2 a case.

At the retail level, the annual average price of chunk light tuna rose 6 percent from 1975. In December, 1976, retail price was 66.3 cents a can.

OUTLOOK

The quantity of canned tuna supplies available during 1977 is uncertain at the present time. The supply of domestic-caught tuna could be restricted since almost all tuna vessels had returned to port in March with substantially less than their usual catch for that period. The recently established porpoise quota of 59,050 with a zero limit on eastern spinner porpoises apparently prompted the early return to port of the domestic fleet.

With the uncertainty of supplies, fishermen during early 1977 were receiving record prices for yellowfin at $665 a ton and $620 for skipjack in the first quarter of 1977. With almost all vessels in port and no indication when they will begin fishing, new prices have not been agreed upon. However, the reduction in domestic catches apparently has increased the demand for imports and prompted a rise in Japanese export prices of skipjack to the United States to $880 a ton (C.& F.) in early March.

Wholesale list prices have been unchanged since the start of the year at $39.85 for solid white tuna in oil ($0.85 less in brine), and $29 to $30 a case for chunk light tuna. If the domestic fleet is unable to reduce porpoise mortality below 1976 levels and porpoise associated catches decline sharply, if the domestic catch of non-porpoise associated yellowfin and skipjack does not increase, and if imports do not increase sufficiently to compensate for the lower catches, prices could increase. However, price increases will likely be postponed until the second or third quarter, since inventories were estimated to be large at the beginning of the year. In addition, low meat and poultry prices relative to tuna may dampen increases in canned tuna prices.

STATISTICAL APPENDIX

Table A1.--Supplies and utilization of fish sticks and portions, 1960-76

(Product weight)

Year	Supplies						Utilization		
	Beginning stocks	Production			Imports	Total	Ending stocks	Apparent consumption	
		Sticks	Portions	Total				Total	Per capita
	Million pounds								Pounds
1960	6.9	65.1	49.4	114.5	0.2	121.6	9.1	112.5	0.625
1961	9.1	69.8	59.8	129.6	0.5	139.2	10.5	128.7	.703
1962	10.5	77.2	78.7	150.9	0.3	161.7	11.5	150.1	.807
1963	11.6	79.3	94.6	179.3	0.4	185.9	13.6	172.1	.912
1964	13.6	73.6	106.3	179.9	0.2	193.7	8.1	185.6	.969
1965	8.1	82.5	140.4	222.9	0.3	231.3	20.2	211.1	1.091
1966	20.2	81.4	147.6	229.0	0.4	249.6	19.5	230.1	1.176
1967	19.5	73.9	161.3	235.2	0.4	255.1	14.0	241.1	1.222
1968	14.0	91.7	182.8	274.5	0.9	289.4	24.0	265.4	1.328
1969	24.0	113.4	217.0	330.4	1.6	356.0	25.4	330.0	1.637
1970	25.4	115.9	234.3	350.2	1.2	376.8	22.0	354.8	1.746
1971	22.0	97.8	239.7	337.5	1.2	360.7	23.2	337.5	1.637
1972	23.2	114.5	269.2	383.7	1.4	408.3	34.4	373.9	1.784
1973	34.4	127.2	298.4	425.6	1.7	461.7	41.5	420.2	2.002
1974	41.5	103.1	276.2	379.3	1.5	422.3	33.3	389.0	1.840
1975	33.3	91.1	295.6	386.7	0.4	420.4	35.3	385.1	1.808
1976 1/	35.3	93.4	340.1	433.5	0.6	469.4	31.0	438.4	2.042

1/ Preliminary.

Table A 2.--Supplies and utilization of sticks and portions, 1975-76
(Product weight)

Year	Supplies					Utilization		
	Beginning stocks	Production			Imports	Total	Ending stocks	Apparent consumption
		Sticks	Portions	Total				
	Million pounds							
1975								
January	33.3	8.3	21.8	30.1	1/	63.4	32.0	31.4
February	32.0	9.7	22.7	32.4	1/	64.4	30.0	34.4
March	30.0	8.5	23.1	31.6	1/	61.6	29.0	32.6
1st quarter	33.3	26.5	67.6	94.1	0.1	127.6	29.0	98.5
April	29.0	7.1	23.4	30.5	1/	59.5	29.4	30.1
May	29.4	6.2	23.1	29.3	1/	58.7	31.5	27.2
June	31.5	5.6	20.8	26.4	1/	57.9	32.8	25.2
2d quarter	29.0	19.0	67.3	86.3	.1	115.4	32.8	82.6
July	32.8	5.2	21.3	26.5	1/	59.3	29.2	30.1
August	29.2	6.7	25.2	31.9	1/	61.1	25.6	35.5
September	25.6	10.3	30.9	41.1	1/	66.7	26.0	40.7
3d quarter	32.8	22.1	77.4	99.5	.1	132.4	26.0	106.4
October	26.0	6.9	31.3	38.2	1/	64.2	28.7	35.4
November	28.7	7.4	26.3	33.7	1/	62.4	35.9	26.5
December	35.9	8.8	25.6	34.4	1/	70.3	35.3	35.0
4th quarter	26.0	23.1	83.2	106.3	.1	132.4	35.3	97.1
1976 2/								
January	35.3	8.8	27.2	36.0	1/	71.3	35.1	36.2
February	35.1	10.0	27.1	37.1	1/	72.2	32.3	39.9
March	32.3	11.1	34.4	45.5	1/	77.8	30.2	47.6
1st quarter	35.3	29.9	88.7	118.6	.1	154.0	30.2	123.8
April	30.2	6.6	32.1	38.7	.1	69.0	31.8	37.2
May	31.8	6.6	27.4	34.0	.1	65.9	33.6	32.3
June	33.6	7.0	25.7	32.7	.1	66.4	36.3	30.1
2d quarter	30.2	20.2	85.2	105.4	.3	135.9	36.3	99.6
July	36.3	5.6	23.4	29.0	1/	65.3	33.3	32.0
August	33.3	7.2	29.1	36.3	1/	69.6	32.0	37.6
September	32.0	7.9	33.7	41.6	1/	73.6	30.8	42.8
3d quarter	36.3	20.7	86.2	106.9	.1	143.3	30.8	112.5
October	30.8	7.5	29.7	37.2	1/	68.0	32.3	35.7
November	32.3	8.5	26.1	34.6	1/	66.9	34.2	32.7
December	34.2	6.6	34.2	30.8	1/	65.0	31.0	34.0
4th quarter	30.8	22.6	80.0	102.6	.1	133.5	31.0	102.5

1/ Less than 50,000 pounds.
2/ Preliminary.
Note: Figures may not add to total because of rounding.

Table A 3.--Wholesale prices for fish sticks and portions, monthly, 1974-76

Month	Sticks, cooked				Portions, raw breaded			
	Cod	Haddock	Pollock	Whiting	Cod	Haddock	Pollock	Whiting
	Cents per pound							
1974								
January	85.0	88.0	61.0	1/	83.5	86.0	61.0	1/
February	85.0	88.0	61.0	1/	83.8	86.6	61.0	1/
March	85.1	88.1	61.5	63.5	83.5	86.6	61.8	59.5
April	85.5	1/	63.0	64.0	85.0	88.5	62.0	59.0
May	76.0	78.0	53.0	54.0	76.0	78.0	53.0	48.0
June	76.0	78.0	53.0	54.0	75.0	81.0	52.0	48.0
July	76.0	78.0	53.0	54.0	75.0	81.0	52.0	48.0
August	76.0	78.0	53.0	54.0	75.0	81.0	52.0	48.0
September	76.0	78.0	53.0	54.0	75.0	81.0	52.0	48.0
October	76.0	78.0	53.0	54.0	75.6	81.0	52.0	48.0
November	76.3	78.0	54.0	54.3	75.0	79.8	52.8	47.5
December	76.0	76.5	57.0	55.0	74.5	75.0	54.0	50.5
Average	79.1	80.6	56.3	56.1	78.1	82.1	55.5	50.5
1975								
January	75.3	75.8	56.3	55.0	73.6	74.3	53.4	51.0
February	72.5	73.0	53.3	55.0	71.0	71.5	51.0	51.0
March	72.5	73.0	53.3	55.0	71.0	71.5	51.0	51.0
April	72.5	73.0	53.3	55.0	71.0	71.2	51.0	51.0
May	72.5	73.0	53.3	55.0	71.0	71.0	51.0	51.0
June	72.5	73.0	53.3	55.0	71.0	71.0	51.0	51.0
July	72.5	73.0	53.3	55.0	71.0	71.0	51.0	51.0
August	72.5	73.0	53.3	55.0	71.0	71.0	51.0	51.0
September	72.5	73.0	53.3	55.0	71.0	71.0	51.0	51.0
October	72.5	73.0	53.3	55.0	71.0	71.0	51.0	51.0
November	72.3	74.5	53.8	55.0	71.0	71.8	52.0	51.0
December	73.3	75.3	54.2	61.4	72.4	72.5	53.0	54.0
Average	72.8	73.6	53.7	55.5	71.3	71.6	51.5	51.3
1976								
January	73.3	75.3	54.0	62.0	71.0	72.5	53.0	54.0
February	74.4	76.0	54.5	61.8	72.5	74.1	53.3	55.8
March	78.4	79.2	57.2	61.2	76.8	79.0	54.0	61.0
April	79.0	80.0	58.0	61.0	76.8	79.0	54.0	61.0
May	83.2	84.7	62.3	62.3	81.9	85.3	59.0	61.0
June	87.3	89.3	66.5	63.0	87.0	91.5	64.0	1/
July	89.1	90.8	66.4	69.7	88.0	91.5	63.7	67.5
August	90.0	91.8	66.3	73.0	88.5	91.5	65.5	67.5
September	88.8	92.5	67.2	73.0	88.5	91.5	66.9	68.7
October	90.0	94.6	67.4	72.3	90.6	93.0	66.4	68.5
November	96.0	99.3	66.0	70.0	97.0	97.5	66.0	65.5
December	96.0	99.3	66.0	70.0	97.0	97.5	66.0	65.5
Average	85.5	87.7	62.7	66.6	84.6	87.0	61.0	63.3

1/ Insufficient quotes.

Note: Prices to primary wholesalers as quoted by producers at Boston, Gloucester, and New Bedford.

Source: Fishery Market News Report, National Marine Fisheries Service, Boston, Mass.

Table A4.-- Supplies and utilization of frozen fish blocks, 1960-76
(Product weight)

Year	Supplies				Utilization	
	Beginning stocks	U.S. freezings	Imports	Total	Ending stocks	Disappearance
	Million pounds					
1960	23.2	0.8	89.7	113.7	24.8	88.9
1961	24.8	1.2	118.6	144.6	17.7	126.9
1962	17.7	1.6	143.5	162.8	24.3	138.5
1963	24.3	2.0	153.3	179.6	25.8	153.8
1964	25.8	2.0	166.2	194.0	20.0	174.0
1965	20.0	2.9	214.8	237.7	37.4	200.3
1966	37.4	6.0	206.5	249.9	35.2	214.7
1967	35.2	6.2	189.5	230.9	32.3	198.6
1968	32.3	3.6	261.1	297.0	44.4	252.6
1969	44.4	2.0	266.7	313.0	43.0	270.0
1970	43.0	4.4	272.7	320.1	30.6	298.5
1971	30.6	6.5	311.2	348.3	62.7	285.6
1972	62.7	3.1	355.5	421.3	75.8	343.5
1973	75.8	6.1	358.7	440.6	80.6	360.0
1974	80.6	2.4	266.1	349.1	75.7	273.4
1975	75.7	2.2	313.5	391.4	79.0	312.4
1976 1/	79.0	2.7	378.7	460.4	61.1	399.3

1/ Preliminary.

Table A 5.--Supplies and utilization of frozen fish blocks, 1975-76
(Product weight)

Year	Supplies				Utilization	
	Beginning stocks	Production	Imports	Total	Ending stocks	Disappearance
	Million pounds					
1975						
January	75.7	1/	18.7	94.4	78.0	16.4
February	78.0	0 .1	20.5	98.6	76.0	22.6
March	76.0	.1	25.0	101.1	72.1	29.0
1st quarter	75.7	.2	64.1	140.0	72.1	67.9
April	72.1	.1	23.2	95.4	67.8	27.6
May	67.8	.3	22.2	90.3	66.6	23.7
June	66.6	.3	19.1	86.0	60.7	25.3
2d quarter	72.1	.8	64.5	137.3	60.7	76.6
July	60.7	.2	29.8	90.7	68.2	22.5
August	68.2	.2	22.7	91.1	63.1	28.0
September	63.1	.2	35.9	99.2	58.7	40.5
3d quarter	60.7	.7	88.4	149.8	58.7	91.1
October	58.7	.2	30.7	89.6	70.6	19.0
November	70.6	.3	29.0	99.9	73.0	26.9
December	73.0	.1	36.6	109.7	79.0	30.7
4th quarter	58.7	.6	96.3	155.6	79.0	76.6
1976 2/						
January	79.0	.1	23.6	102.7	65.7	37.0
February	65.7	.1	19.3	85.1	58.3	26.8
March	58.3	.3	42.9	101.5	50.2	51.3
1st quarter	79.0	.5	85.8	165.3	50.2	115.1
April	50.2	.4	28.9	79.5	46.0	33.5
May	46.0	.3	26.4	72.7	47.7	25.0
June	47.7	.2	33.1	81.0	48.3	32.7
2d quarter	50.2	.8	88.4	139.4	48.3	91.1
July	48.3	.3	35.3	83.9	60.0	23.9
August	60.0	.2	36.7	96.9	62.2	34.7
September	62.2	.2	47.2	109.6	66.6	43.0
3d quarter	48.3	.7	119.2	168.2	66.6	101.6
October	66.6	.1	30.0	96.7	63.9	32.8
November	63.9	.2	30.2	94.3	63.1	30.7
December	63.6	.3	25.1	89.0	61.1	27.9
4th quarter	66.6	.6	85.3	152.5	61.1	91.4

1/ Less than 50,000 pounds.
2/ Preliminary.
Note: Figures may not add to total because of rounding.

Table A6 .--Wholesale prices for frozen fish blocks, monthly, 1974-76

Month	Cod	Cod, minced	Flounder	Haddock	Pollock	Pollock, Alaska	Whiting	Wolffish
	Cents per pound							
1974								
January	80.4	40.0	68.0	85.0	54.0	52.8	49.9	67.5
February	80.1	39.5	68.0	83.1	52.0	51.8	47.5	66.3
March	76.0	37.6	68.0	79.3	49.0	50.3	45.4	65.3
April	75.0	36.0	68.0	77.0	46.0	48.5	42.8	65.0
May	65.0	33.5	68.0	66.0	44.3	45.4	40.8	65.0
June	62.6	29.6	66.3	65.6	41.7	43.7	38.1	62.8
July	60.4	28.0	64.7	60.8	41.0	40.5	36.0	62.0
August	60.0	27.5	64.4	61.1	40.6	40.0	35.4	62.0
September	60.0	27.5	64.5	61.5	39.5	39.5	35.0	62.0
October	59.7	27.5	63.4	61.2	38.9	37.3	35.0	62.0
November	58.9	27.3	62.3	59.0	38.5	36.0	35.4	60.5
December	58.7	26.7	61.7	59.0	38.5	1/	36.2	61.0
Average	66.4	31.7	65.6	68.2	43.7	44.2	39.8	63.5
1975								
January	59.0	26.0	61.0	59.0	37.4	31.0	36.1	60.2
February	59.0	26.4	61.0	59.0	37.5	31.8	36.8	62.0
March	58.8	25.5	61.0	59.0	37.5	34.5	36.9	61.5
April	58.0	25.0	61.0	58.0	37.5	34.5	37.0	60.6
May	58.0	20.0	61.0	58.0	37.5	33.6	36.5	60.8
June	57.3	1/	61.3	58.0	37.2	32.7	36.5	60.3
July	56.5	19.9	62.0	58.0	36.6	33.0	36.5	60.1
August	56.4	19.4	62.3	58.0	36.5	33.9	36.4	59.5
September	56.5	19.0	62.5	58.4	36.5	34.6	37.4	59.5
October	56.5	19.0	62.5	58.7	36.5	35.5	37.4	59.6
November	57.3	20.0	63.2	60.0	36.5	35.7	38.8	60.0
December	59.4	23.7	65.7	60.6	36.5	36.2	39.5	60.0
Average	57.7	22.1	62.0	58.7	37.0	33.9	37.2	60.4
1976								
January	60.8	25.0	74.1	61.1	36.5	35.6	39.5	60.0
February	62.5	25.0	75.5	63.4	37.0	36.0	39.4	60.5
March	65.6	26.0	77.4	68.0	38.1	37.5	39.0	61.0
April	69.1	29.3	83.0	70.0	40.0	38.4	39.5	1/
May	73.5	30.4	86.0	74.5	44.8	39.5	41.0	1/
June	75.5	33.0	96.0	80.1	49.0	42.0	42.0	1/
July	78.3	33.0	96.0	81.0	50.1	43.4	43.4	1/
August	78.5	33.9	96.0	81.4	50.9	46.8	43.8	1/
September	79.0	34.4	96.0	83.5	52.0	49.0	44.6	82.5
October	83.2	34.1	96.0	85.5	52.0	48.9	45.0	1/
November	85.1	34.5	96.0	88.8	52.0	49.0	45.5	84.5
December	87.6	34.5	96.0	89.8	52.0	49.0	45.5	84.5
Average	74.9	31.1	89.0	77.2	46.2	43.0	42.4	72.2

1/ Insufficient quotes.

Note: Prices to processors as quoted by producers, importers, and brokers at Boston, Gloucester, and New Bedford.

Source: Fishery Market News Report, National Marine Fisheries Service, Boston, Mass.

Table A 7.--U.S. imports of blocks, by country and species, 1974-76
(Product weight)

Country	Cod			Flatfish			Haddock			Pollock			Other			Total		
	1974	1975	1976	1974	1975	1976	1974	1975	1976	1974	1975	1976	1974	1975	1976	1974	1975	1976
	--Million pounds--			--Million pounds--			--Million pounds--			--Million pounds--			--Million pounds--			--Million pounds--		
Iceland	30.0	30.8	36.7	1.0	0.4	0.9	4.9	12.7	10.1	6.9	10.9	10.2	2.2	3.1	9.4	45.0	57.7	67.3
Rep. of Korea	.2	.3	.9	6.5	1/	.1	-	-	-	14.8	36.7	58.6	1.2	.1	-	22.7	37.1	59.6
Canada	21.2	22.5	33.7	7.6	9.5	10.9	.2	.5	.3	1.1	2.8	1.2	4.1	7.0	8.4	34.2	42.3	54.5
Denmark	29.1	29.6	43.1	.5	.1	.1	3.1	4.4	2.5	5.3	3.1	5.0	1.1	3.1	3.8	39.0	40.3	54.5
Norway	9.1	45.7	32.1	.5	1/	1/	10.2	16.0	12.2	1.6	3.8	5.1	1.4	1.0	.5	22.8	66.5	49.9
Japan	11.9	4.7	2.9	4.4	2.4	9.1	-	-	.1	47.0	15.5	10.5	3.5	2.8	3.5	66.8	25.4	26.1
F.R. Germany	.1	8.8	13.9	-	-	-	1/	1.8	1.2	1/	.1	1.9	1.1	1/	1.9	1.2	10.8	18.9
Poland	5.4	6.3	8.8	.1	-	.1	-	-	-	-	.2	2.0	-	1.4	3.4	5.5	8.0	14.3
Argentina	.1	1/	-	.1	-	.1	-	-	1/	-	-	-	10.5	3.3	10.8	10.7	3.3	10.9
United Kingdom	1.2	.8	1.1	.2	.1	1/	2.7	1.0	1.8	3.3	1.3	.8	1.8	.9	.3	9.2	4.1	4.0
Other	4.9	11.4	6.9	.2	.3	.4	1/	.2	.3	.1	.4	.4	3.8	5.6	10.7	9.0	17.9	18.7
Total	113.2	160.9	180.1	21.1	12.8	21.7	21.0	36.6	28.5	80.1	74.8	95.7	30.7	28.3	52.7	266.1	313.5	378.7

1/ Less than 50,000 pounds.
Note: Figures may not add to total because of rounding.

Source: U.S. Department of Commerce, Bureau of the Census.

Table A8 .--Imports of fillets by country of origin and species, 1974-76

Country	Cod			Flatfish 1/			Haddock 2/			Ocean perch			Total		
	1974	1975	1976	1974	1975	1976	1974	1975	1976	1974	1975	1976	1974	1975	1976
	Million pounds			Million pounds			Million pounds			Million pounds			Million pounds		
Canada	18.9	24.2	28.2	37.7	40.6	46.1	6.2	8.9	9.2	56.1	63.7	53.9	118.9	137.4	137.3
Iceland	29.9	40.9	50.2	.1	.2	.2	6.7	13.4	13.9	1.2	1.6	4.6	37.9	55.9	69.0
Japan	1.3	1.6	3.2	33.1	51.6	48.1	.6	.3	.7	.2	.5	.2	35.2	54.0	52.2
Denmark	12.5	12.2	18.0	.9	.6	1.5	5.0	4.6	7.8	3/	3/	.1	18.4	17.4	27.4
Norway	5.8	10.2	11.6	.4	.2	.1	9.7	9.9	10.0	.7	.3	.2	16.6	20.6	21.9
United Kingdom	.8	.9	1.0	.8	1.9	.9	4.7	3.6	6.3	.1	.2	.5	6.4	6.6	8.7
Sweden	-	-	1.9	-	-	-	-	-	-	-	-	-	-	-	1.9
Miquel	.6	.3	.9	.1	.1	.2	.1	-	3/	.4	.5	.5	1.2	.8	1.6
Poland	.1	.2	3/	1.6	1.9	1.5	-	-	-	-	-	-	1.7	2.1	1.6
Greenland	.1	.3	1.0	.2	3/	.1	-	3/	-	-	-	-	.3	.4	1.1
Other	1.6	.2	2.4	2.6	1.2	2.0	1.1	1.0	1.6	1.0	.8	.3	6.3	3.2	6.3
Total	71.6	91.0	118.5	77.5	98.3	100.7	34.1	41.7	49.5	59.7	67.6	60.3	242.9	298.6	329.0

1/ Includes Greenland turbot.
2/ Includes cusk, pollock, hake.
3/ Less than 50,000 pounds.

Source: U.S. Department of Commerce, Bureau of the Census.

Table A9.--Supplies and utilization of fresh and frozen cod, 1960-76

(Fillet weight)

Year	Supplies						Utilization		
	Beginning stocks	Landings			Imports	Total	Ending stocks	Apparent consumption	
		Atlantic	Pacific	Total				Total	Per capita
	Million pounds								Pounds
1960	14.4	13.1	1.6	14.7	29.6	58.7	7.8	50.9	0.283
1961	7.8	15.1	0.9	16.0	32.2	56.0	7.1	48.9	.268
1962	7.1	15.2	1.0	16.2	33.0	56.3	9.7	46.6	.250
1963	9.7	13.7	1.9	15.6	32.7	58.0	8.9	49.1	.260
1964	8.9	12.6	1.9	14.5	33.5	56.9	6.2	50.7	.265
1965	6.2	11.8	3.0	14.8	33.7	54.7	5.7	49.0	.253
1966	5.7	12.2	3.0	15.2	40.8	61.7	12.7	49.0	.250
1967	12.7	14.0	2.7	16.7	32.1	61.5	6.5	55.0	.278
1968	6.5	15.2	2.4	17.6	46.6	70.7	7.6	63.1	.317
1969	7.6	17.5	2.0	19.5	61.9	89.0	12.9	76.1	.377
1970	12.9	16.0	1.0	17.0	95.8	125.7	7.4	118.3	.578
1971	7.4	17.4	1.9	19.3	80.7	107.4	6.1	101.3	.490
1972	6.1	14.9	3.4	18.3	99.0	123.4	16.2	107.2	.511
1973	16.2	16.0	3.0	19.0	83.0	118.2	12.7	105.5	.503
1974	12.7	18.8	2.9	21.7	71.6	106.0	17.8	88.5	.417
1975	17.8	17.9	3.8	21.7	91.0	130.5	21.7	108.8	.500
1976 1/	21.7	17.8	3.5	21.3	118.6	161.6	16.2	145.4	.677

1/ Preliminary.

Table A10 .--Supplies and utilization of fresh and frozen cod, monthly, 1975-76
(Fillet weight)

Month	Supplies				Utilization	
	Beginning stocks 1/	Landings 2/	Imports 3/	Total	Endings stocks 1/	Apparent consumption
	Million pounds					
1975						
January	17.8	1.2	6.3	25.3	16.8	8.5
February	16.8	1.6	4.6	23.0	16.2	6.8
March	16.2	1.2	8.6	26.0	16.3	9.7
1st quarter	17.8	4.0	19.5	41.3	16.3	25.0
April	16.3	1.5	8.0	25.8	15.0	10.8
May	15.0	1.6	5.3	21.9	18.0	3.9
June	18.0	1.5	8.3	27.8	19.7	8.1
2d quarter	16.3	4.6	21.6	42.5	19.7	22.8
July	19.7	1.4	10.1	31.2	19.3	11.9
August	19.3	1.2	7.2	27.7	18.0	9.7
September	18.0	1.5	8.5	28.0	21.4	6.6
3d quarter	19.7	4.1	25.8	49.6	21.4	28.2
October	21.4	2.0	9.8	33.2	20.4	13.0
November	20.2	1.6	7.7	29.5	17.6	11.9
December	17.6	1.2	6.5	25.3	21.7	3.6
4th quarter	21.4	4.8	24.0	50.2	21.7	28.5
1976						
January	21.7	.9	13.2	35.8	20.4	15.4
February	20.4	1.0	5.4	26.8	19.3	7.5
March	19.3	1.2	11.4	31.9	18.0	13.9
1st quarter	21.7	3.1	30.0	54.8	18.0	36.8
April	18.0	1.3	12.8	32.1	17.9	14.2
May	17.9	2.0	6.6	26.5	18.4	7.1
June	19.4	2.1	15.8	37.3	18.6	18.7
2d quarter	18.0	5.4	35.2	58.6	18.6	40.0
July	18.6	1.5	10.7	30.8	19.5	11.3
August	19.5	1.6	8.9	30.0	20.5	9.5
September	20.5	1.7	8.2	30.4	21.9	8.5
3d quarter	18.6	4.8	27.8	51.2	21.9	29.3
October	21.9	1.8	10.4	34.1	20.5	13.6
November	20.5	1.3	8.2	30.0	18.3	12.7
December	17.3	1.4	7.0	25.7	16.2	9.5
4th quarter	21.9	4.5	25.6	52.0	16.2	35.8

1/ Source: Frozen Fishery Products, Statistics and Market News Division, National Marine Fisheries Service.
2/ Source: New England Press Report Landings, Gloucester, Mass. This is the sum of landings at principal New England ports adjusted to approximate New England landings.
3/ Source: Department of Commerce, Bureau of the Census.

Note: Figures may not add to total because of rounding. Data are preliminary.

Table A11.--Exvessel, wholesale,and retail prices of cod, monthly, 1970-76

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
						Cents per pound							
Exvessel price 1/													
1970	15.7	14.7	15.0	11.8	8.2	10.7	11.5	16.2	15.2	14.1	13.1	16.4	13.6
1971	20.3	13.4	12.6	12.6	9.4	11.7	14.8	18.1	15.6	15.0	19.2	20.3	15.3
1972	25.4	25.2	22.0	18.3	15.2	16.4	17.3	18.0	19.4	22.0	24.5	30.9	22.1
1973	24.1	24.7	24.3	20.0	13.1	14.3	18.9	20.1	18.4	17.4	23.4	29.1	20.7
1974	23.8	24.8	28.0	25.7	16.8	15.7	14.9	20.2	21.3	18.3	24.1	24.9	21.5
1975	26.2	25.5	33.6	26.8	17.3	22.2	22.5	23.4	26.3	24.7	26.5	30.7	25.6
1976	39.2	38.9	38.8	32.2	20.6	19.8	22.5	24.2	26.5	33.0	32.0	28.5	29.7
Wholesale price, frozen fillets 2/													
1968	31.5	31.9	31.0	30.8	29.2	26.5	25.0	24.0	24.5	26.0	26.0	27.0	27.8
1969	25.9	25.1	27.0	27.0	26.5	27.0	27.3	27.0	28.9	29.3	31.0	31.0	27.8
1970	31.5	31.5	31.5	31.5	31.5	31.5	32.0	32.0	33.5	35.4	37.5	43.3	33.6
1971	42.6	43.5	43.5	43.4	43.7	44.2	45.6	46.5	46.9	46.0	46.3	48.8	45.1
1972	50.5	51.1	54.0	56.0	55.8	55.5	55.9	56.0	54.5	53.8	51.7	49.0	53.7
1973	49.3	51.4	53.3	58.0	59.6	63.5	64.0	67.1	73.5	77.9	77.8	79.0	64.5
1974	79.0	79.0	79.9	79.1	76.8	72.0	66.0	65.0	65.0	65.0	65.0	65.0	71.4
1975	64.9	62.9	61.0	60.5	60.5	58.0	58.0	60.5	61.5	64.0	67.2	70.8	62.5
1976	74.6	75.0	72.0	70.0	70.0	70.9	71.1	70.0	70.0	70.5	71.3	75.4	71.7
Wholesale price, fresh fillets 3/													
1970	78.0	75.0	85.0	80.0	59.0	62.0	70.0	78.0	80.0	72.0	73.6	79.4	83.6
1971	93.3	89.0	81.4	84.5	70.2	71.4	76.5	81.0	86.3	85.8	90.0	93.0	83.6
1972	113.4	118.5	118.8	92.2	94.3	94.4	95.0	97.8	105.0	110.0	110.0	120.0	106.0
1973	134.3	122.0	119.0	115.0	97.1	109.0	117.6	133.1	119.0	114.3	120.5	140.0	120.0
1974	134.8	139.5	142.0	139.0	117.0	107.0	113.9	123.4	130.0	126.1	131.1	129.5	127.8
1975	142.0	144.2	153.9	158.3	124.1	137.3	137.7	141.3	166.1	149.6	149.6	156.0	146.7
1976	176.3	177.5	178.0	162.5	145.0	146.0	155.0	165.6	161.9	168.1	164.4	159.0	163.3
Retail price, frozen fillets 4/													
1970	63.2	63.6	64.6	65.4	65.0	66.7	68.3	68.8	68.4	68.2	60.6	69.7	66.7
1971	72.4	74.0	77.1	77.1	77.7	79.0	79.0	81.0	80.4	81.3	81.6	81.5	78.5
1972	82.7	84.0	84.7	86.2	87.1	87.5	91.5	91.2	92.8	93.6	97.4	97.1	89.7
1973	99.2	100.5	100.6	102.9	107.1	109.3	109.5	112.7	114.4	121.4	125.7	128.3	111.1
1974	131.7	133.3	136.5	136.7	141.3	139.6	141.3	143.2	145.2	143.6	146.0	145.0	140.3
1975	147.5	146.7	144.6	148.3	145.2	144.6	144.1	138.8	148.2	144.1	153.0	146.7	146.0
1976	148.6	148.9	148.8	152.0	152.6	153.5	155.5	150.3	153.1	151.9	150.3	150.1	151.3
Retail price, fresh fillets 5/													
1970	92.5	95.0	98.0	104.0	97.8	105.3	99.6	96.5	102.3	107.8	106.5	109.2	101.2
1971	112.8	119.3	127.1	126.9	125.8	124.5	129.0	129.4	126.4	128.3	128.4	134.5	126.0
1972	135.6	127.8	144.0	131.5	124.0	124.0	124.0	124.0	137.9	140.3	139.0	159.8	134.3
1973	185.5	179.5	184.5	184.0	174.5	170.6	170.0	179.3	180.0	183.4	181.1	195.1	180.6
1974	195.0	203.5	200.1	202.2	193.0	189.1	179.3	186.0	201.8	197.2	200.8	200.8	195.7
1975	215.8	213.3	214.3	232.9	216.8	213.3	212.3	207.8	222.8	231.7	228.9	219.0	219.1
1976	243.5	243.8	243.6	242.8	244.0	234.0	226.5	238.0	243.0	247.8	268.0	231.5	242.2

1/ Source: Production and Value of Fisheries at Major New England Ports, weighted average.
2/ Source: Fishery Market News Report, Statistics and Market News Division, average prices for 5-lb pkg of Canadian fillets. Series for cod and ocean perch 1-lb pkg have been converted to 5-lb pkg series to make it consistent with all groundfish fillet prices. Data for 1-lb pkg series are available upon request.
3/ Average monthly price for domestic fillets, New York City Fulton Market.
4/ Source: Estimated Retail Food Prices by City. Bureau of Labor Statistics, at New York City.
5/ Retail Price Report, New York Market Information Service, average monthly price for domestic fillets.

Table A12.--Supplies and utilization of fresh and frozen flatfish, 1960-76
(Fillet weight)

Year	Supplies				Utilization		
	Beginning Stocks	U.S. landings	Imports	Total	Ending stocks	Apparent consumption	
						Total	Per capita
	-Million pounds-						-Pounds-
1960	5.7	43.3	18.7	67.7	7.5	60.2	0.335
1961	7.5	45.4	18.4	71.3	6.1	65.2	.356
1962	6.1	53.0	18.4	77.5	6.2	71.3	.383
1963	6.2	60.3	16.6	83.1	8.0	75.1	.398
1964	8.0	60.1	21.6	89.1	9.0	80.7	.422
1965	9.0	61.3	24.1	94.4	6.6	87.8	.453
1966	6.6	59.5	34.1	100.8	10.2	90.6	.463
1967	10.2	52.1	33.3	95.6	10.7	84.9	.426
1968	10.7	53.1	39.5	103.3	7.8	95.5	.429
1969	7.8	58.4	48.1	114.3	9.3	105.0	.520
1970	9.3	60.7	58.9	128.9	16.1	112.8	.551
1971	16.1	56.1	56.3	128.5	9.3	119.2	.577
1972	9.3	60.9	56.3	158.4	11.2	147.2	.703
1973	11.2	58.5	105.9	175.6	25.4	150.2	.719
1974	25.4	56.1	77.5	159.0	22.4	136.6	.647
1975	22.4	56.3	98.3	177.0	12.7	164.3	.769
1976 1/	12.7	53.0	100.9	166.6	17.7	148.1	.690

1/ Preliminary.
Note: Data reported is for both flounder and Greenland turbot. Prior to 1975 these two species were not separated and were reported as flatfish products.

Table A13.--Supplies and utilization of fresh and frozen flounder, monthly, 1975-76

Month	Supplies				Utilization	
	Beginning stocks	Landings	Imports	Total	Ending stocks	Apparent consumption
	Million pounds					
1975						
January	12.5	1.5	NA	NA	11.6	NA
February	11.6	1.3	5.1 1/	20.4 1/	8.2	12.2 1/
March	8.2	1.4	1.7	11.3	5.9	5.4
1st quarter	12.5	4.2	6.8	23.5	5.9	17.6
April	5.9	1.8	2.5	10.2	4.6	5.6
May	4.6	2.5	3.2	10.3	4.3	6.0
June	4.3	2.3	4.5	11.1	3.9	7.2
2d quarter	5.9	6.6	10.2	22.7	3.9	18.8
July	3.9	2.6	4.3	10.8	3.9	6.9
August	3.9	2.8	4.7	11.4	4.2	7.2
September	4.2	2.3	4.7	11.2	4.3	6.9
3d quarter	3.9	7.6	13.7	25.2	4.3	21.0
October	4.3	2.1	4.9	11.3	5.5	5.8
November	5.5	1.4	4.8	11.7	6.2	5.5
December	6.2	1.1	5.4	12.7	7.1	5.6
4th quarter	4.3	4.6	15.1	24.0	7.1	16.9
Year	12.5	23.1	45.8	81.4	7.1	74.3
1976						
January	7.1	1.2	3.4	11.7	6.2	5.6
February	6.2	1.3	3.0	10.5	5.2	5.3
March	5.2	1.7	5.0	11.9	4.7	7.1
1st quarter	7.1	4.2	11.4	22.7	4.7	18.0
April	4.7	1.8	4.5	11.0	5.0	6.0
May	5.0	2.1	4.0	11.1	4.9	6.2
June	4.9	2.3	6.4	13.6	5.8	7.7
2d quarter	4.7	6.2	14.9	25.8	5.8	19.9
July	5.8	2.2	4.8	12.8	6.8	6.1
August	6.8	2.2	4.6	13.6	7.7	5.8
September	7.7	2.8	5.8	16.3	8.4	7.9
3d quarter	5.8	7.2	15.2	28.2	8.4	19.9
October	8.4	1.7	4.2	14.3	8.2	6.0
November	8.1	1.9	4.1	14.1	9.2	4.9
December	9.2	1.3	4.5	15.0	9.1	5.9
4th quarter	8.4	4.9	12.8	26.1	9.1	17.0
Year	7.1	22.5	54.3	83.9	9.1	74.8

NA- Not available.
1/ Includes, January, 1975.

Table A14.--Supplies and utilization of turbot fillets, monthly, 1975-76

Month	Supplies				Utilization	
	Beginning stocks	Landings	Imports	Total	Ending stocks	Apparent consumption
	Million pounds					
1975						
January	9.8	-	NA	NA	9.4	NA
February	9.4	-	9.6 1/	19.4 1/	6.5	12.9 1/
March	6.5	-	5.1	11.6	6.1	5.5
1st quarter	9.8	-	14.7	24.5	6.1	18.4
April	6.1	-	4.0	10.1	5.7	4.4
May	5.7	-	1.5	7.2	3.2	4.0
June	3.2	-	0.9	4.1	2.1	2.0
2d quarter	6.1	-	6.4	12.5	2.1	10.4
July	2.1	-	3.0	5.1	1.9	3.2
August	1.9	-	3.9	5.8	1.5	4.3
September	1.5	-	6.8	8.3	3.1	5.2
3d quarter	2.1	-	13.7	15.8	3.1	12.7
October	3.1	-	6.4	9.5	4.6	4.9
November	4.6	-	5.7	10.3	5.2	5.1
December	5.2	-	5.5	10.7	5.6	5.1
4th quarter	3.1	-	17.6	20.7	5.6	15.1
Year	9.8	-	52.4	62.2	5.6	56.6
1976						
January	5.6	-	7.4	13.0	9.4	3.6
February	9.4	-	3.3	12.7	10.0	2.7
March	10.0	-	7.6	17.6	10.1	7.6
1st quarter	5.6	-	18.3	23.9	10.1	13.8
April	10.1	-	2.8	12.9	8.6	4.2
May	8.9	-	2.4	11.3	8.8	2.3
June	8.8	-	1.0	9.8	1.5	2.3
2d quarter	10.1	-	6.1	16.2	7.4	8.8
July	7.4	-	1.6	9.0	6.2	2.7
August	6.2	-	2.3	8.5	6.1	2.5
September	6.1	-	3.3	9.4	5.3	4.1
3d quarter	7.4	-	7.2	14.6	5.3	9.4
October	5.3	-	3.5	8.8	4.9	3.8
November	4.7	-	7.7	12.4	8.1	4.6
December	8.1	-	3.8	11.9	8.5	3.4
4th quarter	5.3	-	15.0	20.3	8.5	11.8
Year	5.6	-	46.6	52.2	8.5	43.8

NA - Not available.
1/ Includes January, 1975.

Table A15.--Exvessel, wholesale, and retail prices of flatfish, monthly, 1970-76

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
						Cents per pound							
Exvessel prices 1/													
1970	18.8	21.3	21.5	17.6	11.1	16.2	14.6	14.1	12.9	11.6	9.7	9.8	15.0
1971	13.1	16.4	19.1	19.0	13.1	12.6	13.7	22.1	13.7	16.6	16.0	18.6	16.2
1972	20.4	22.5	19.9	19.6	19.5	20.9	17.6	14.3	18.3	16.6	17.5	21.5	19.1
1973	17.7	34.9	28.9	32.4	18.3	15.8	19.9	24.5	13.8	14.4	28.6	28.6	23.2
1974	28.2	33.8	38.9	38.2	22.1	18.4	18.1	18.0	21.3	24.0	33.1	21.3	27.1
1975	39.6	42.4	47.8	40.0	28.0	31.1	27.7	24.4	37.6	38.6	39.3	49.4	37.2
1976	49.2	61.0	59.1	41.1	37.7	42.3	35.7	36.0	24.0	48.8	42.0	47.8	43.7
Wholesale price, frozen fillets 2/													
1970	52.8	53.6	53.5	53.9	53.8	53.5	53.4	53.0	53.5	53.1	53.5	51.8	53.5
1971	51.8	48.0	47.5	47.5	47.5	48.5	48.5	49.5	51.1	52.0	53.0	53.0	59.7
1972	53.8	53.9	56.2	58.0	59.7	64.0	66.3	67.5	72.9	73.4	74.9	76.0	64.7
1973	77.9	78.1	79.1	80.5	80.2	80.0	81.8	83.2	84.9	84.9	85.0	85.0	81.7
1974	84.6	84.9	85.0	84.8	84.0	81.0	76.6	80.4	79.8	78.6	78.0	79.0	81.6
1975	79.0	79.0	80.0	81.0	81.0	83.8	85.0	88.8	90.5	94.2	96.0	96.5	86.2
1976	97.0	97.8	100.0	104.0	105.3	109.8	110.0	110.0	109.0	110.0	110.0	110.0	106.1
Retail price, fresh fillets 3/													
1970	131.4	137.8	138.6	135.2	125.3	130.3	128.0	124.0	124.0	124.0	131.6	123.0	129.1
1971	135.0	142.8	150.0	145.3	145.3	151.0	149.0	141.6	141.0	135.3	144.0	145.3	144.7
1972	152.8	156.5	162.8	167.8	161.0	166.5	170.0	170.0	166.5	167.5	180.3	176.5	166.5
1973	178.6	204.0	225.7	236.6	224.0	216.6	219.4	231.6	227.5	223.0	234.0	232.9	221.2
1974	224.5	249.0	256.0	267.5	244.5	230.3	217.9	227.6	227.6	230.2	239.4	242.7	238.2
1975	267.9	287.9	289.0	309.0	281.8	271.8	295.3	257.0	251.8	270.4	266.9	300.7	279.2
1976	324.0	334.0	362.0	340.3	301.9	312.5	298.1	277.0	277.0	300.8	309.5	302.9	311.7
Retail price, frozen fillets 4/													
1970	97.9	98.6	98.6	96.9	95.0	96.6	97.2	97.2	97.3	98.4	98.4	98.8	97.6
1971	96.4	100.0	100.0	98.9	94.7	94.7	94.1	94.2	95.1	94.8	94.8	94.9	96.3
1972	97.5	99.6	98.0	98.9	103.3	102.5	105.1	110.8	111.7	116.3	110.6	116.7	105.9
1973	117.4	117.9	123.9	128.5	128.8	131.0	132.6	134.1	133.5	138.8	145.9	147.7	131.1
1974	152.0	157.9	153.1	155.1	153.4	155.1	157.6	154.3	156.7	156.4	151.7	152.2	154.7
1975	158.5	158.7	160.4	160.0	161.4	158.7	159.1	163.6	169.6	177.1	178.7	185.8	166.0
1976	186.4	188.1	193.6	193.9	206.3	205.0	206.5	210.5	209.6	213.2	214.9	215.4	203.6

1/ Source: Production and Value of Fisheries at Major New England Ports, average monthly price, for yellowtail flounder.
2/ Source: Fishery Market News Report, Statistics and Market News Division, average prices for 5-lb pkg of Canadian fillets, at Boston, Mass.
3/ Source: Retail Price Report, New York Market Information Service, average monthly price for domestic fillets.
4/ Source: Estimated Retail Food Prices by City, Bureau of Labor Statistics, at Houston, Tex.

Table A16.--Supplies and utilization of fresh and frozen haddock, 1960-76
(Fillet weight)

Year	Supplies				Utilization		
	Beginning stocks	U.S. Landings	Imports 1/	Total	Ending stocks	Apparent consumption	
						Total	Per capita
	Million pounds						Pounds
1960	10.2	41.7	18.2	70.1	8.1	62.0	0.345
1961	8.1	46.9	21.1	76.1	10.3	65.8	.354
1962	10.3	47.1	20.6	78.0	5.4	72.6	.386
1963	5.4	43.5	19.6	68.7	4.8	63.9	.327
1964	4.8	46.9	10.1	70.8	7.4	63.4	.334
1965	7.4	47.0	17.0	71.4	6.7	64.7	.334
1966	6.7	46.4	21.5	74.6	7.9	66.7	.340
1967	7.9	34.6	21.4	63.9	6.9	57.0	.288
1968	6.9	24.6	26.7	58.2	4.8	53.4	.267
1969	4.8	16.0	28.1	48.9	7.1	41.8	.206
1970	7.1	9.4	29.5	46.0	5.9	40.1	.196
1971	5.9	7.5	28.4	41.8	8.9	32.9	.159
1972	8.9	4.1	34.1	47.1	9.8	37.3	.178
1973	9.8	2.9	39.8	52.5	10.6	41.9	.200
1974	10.6	2.9	27.7	41.2	10.4	30.8	.146
1975	10.4	5.7	33.4	49.5	7.5	42.0	.197
1976 1/	7.5	4.6	40.3	52.4	7.0	45.4	.211

1/ Haddock fillet imports estimated from the category that included haddock, cusk, and pollock.
2/ Preliminary.

Table A17.--Supplies and utilization of fresh and frozen haddock, monthly, 1975-76
(Fillet weight)

Month	Supplies				Utilization	
	Beginning stocks 1/	Landings	Imports 3/	Total	Ending stocks	Apparent consumption
	Million pounds					
1975						
January	10.4	0.5	1.9	12.8	9.3	3.5
February	9.3	.5	2.2	12.0	8.7	3.3
March	8.7	.4	3.1	12.2	7.4	4.8
1st quarter	10.4	1.4	7.2	19.0	7.4	11.6
April	7.4	.4	2.8	10.6	6.2	4.4
May	6.2	1.2	1.8	9.2	6.6	2.6
June	6.6	.8	2.4	9.8	5.5	4.3
2d quarter	7.4	2.4	7.0	16.8	5.5	11.3
July	5.5	.3	2.6	8.4	6.0	2.4
August	6.0	.4	3.0	9.4	5.3	4.1
September	5.3	.4	3.3	9.0	5.8	3.2
3d quarter	5.5	1.1	8.9	15.5	5.8	9.7
October	5.8	.4	3.5	9.7	6.2	3.5
November	6.2	.4	3.1	9.7	7.0	2.7
December	7.0	.3	3.5	10.8	7.5	3.3
4th quarter	5.8	1.1	10.1	17.0	7.5	9.5
1976						
January	7.5	.3	3.6	11.4	7.4	4.0
February	7.4	.4	1.8	9.6	6.2	3.4
March	6.2	.5	4.3	11.0	5.7	5.2
1st quarter	7.5	1.2	9.7	18.4	5.7	12.7
April	5.7	.4	5.1	11.2	7.0	4.2
May	7.0	.6	1.7	9.3	5.9	3.4
June	5.9	.5	4.8	11.2	5.0	6.2
2d quarter	5.7	1.5	11.6	18.8	5.0	13.8
July	5.0	.2	3.8	9.0	4.7	4.3
August	4.7	.3	2.1	7.1	4.9	2.2
September	4.9	.4	4.3	9.6	4.7	4.9
3d quarter	5.0	.9	10.2	16.1	4.7	11.4
October	4.7	.3	4.3	9.3	3.9	5.4
November	3.9	.4	2.4	6.7	5.3	1.4
December	5.3	.3	2.1	7.7	5.1	2.6
4th quarter	4.7	1.0	8.8	14.5	5.1	9.4

1/ Source: Frozen Fishery Products, Statistics and Market News Division, National Marine Fisheries Service.
2/ Source: New England Press Report Landings, Gloucester, Mass. This is the sum of landings at principal New England ports adjusted to approximate New England landings.
3/ Source: Department of Commerce, Bureau of the Census.

Note: Figures may not add to total because of rounding. Data are preliminary.

Table A18.--Exvessel, wholesale, and retail prices of haddock in the United States, monthly, 1970-76

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
						Cents per pound							
Exvessel price 1/													
1970	33.9	33.8	27.6	19.6	18.0	23.7	26.6	31.7	27.7	26.5	33.9	34.7	28.1
1971	39.8	29.3	27.4	25.0	20.7	24.8	31.7	38.0	30.0	35.5	40.6	45.6	32.4
1972	41.5	40.1	43.3	40.8	37.6	36.8	40.8	38.0	41.2	46.2	55.2	54.6	43.1
1973	40.7	41.4	40.6	44.2	42.2	32.9	35.1	35.8	39.7	35.0	45.4	51.3	40.4
1974	35.2	44.0	35.7	51.0	36.8	33.4	28.9	39.7	41.1	41.9	42.7	37.6	39.0
1975	30.3	38.9	43.6	39.8	21.4	29.3	43.9	30.5	35.2	38.0	34.2	47.4	36.1
1976	56.6	44.0	44.2	48.4	40.0	42.7	46.4	44.1	41.3	44.4	45.0	49.1	45.5
Wholesale price, frozen fillets 2/													
1970	53.9	53.6	54.0	54.6	53.5	53.6	54.0	54.5	55.6	58.0	58.6	58.9	55.2
1971	59.8	59.4	57.3	56.5	56.5	56.5	56.5	56.3	58.5	58.0	58.0	58.6	57.7
1972	59.0	59.0	59.2	59.5	59.5	68.8	73.4	76.5	77.5	77.5	77.5	77.5	68.7
1973	77.5	77.5	78.0	79.3	79.5	79.9	83.7	83.0	86.3	90.8	91.4	92.0	83.2
1974	92.0	92.0	96.1	96.8	85.0	85.0	85.8	86.9	85.0	85.0	85.0	85.0	88.3
1975	83.8	83.5	84.0	81.3	6/	80.0	84.5	86.3	86.7	87.0	87.0	89.6	84.9
1976	89.3	90.0	98.0	92.0	92.0	97.0	102.8	98.0	98.0	6/	6/	102.0	95.9
Wholesale price, fresh fillets 3/													
1970	115.0	112.2	70.0	67.5	56.0	74.5	89.0	94.5	97.0	73.5	102.5	145.0	91.4
1971	116.5	101.0	73.5	67.0	60.0	96.0	82.5	108.0	97.5	103.5	102.5	122.5	94.2
1972	150.0	125.0	105.0	145.0	150.0	100.0	112.5	110.0	125.0	135.0	135.0	160.0	129.4
1973	160.0	100.0	125.0	130.0	145.0	82.5	132.5	117.1	120.0	120.0	195.0	175.0	133.5
1974	127.5	125.0	125.0	200.0	120.0	100.0	102.5	120.0	152.5	120.0	130.0	147.5	149.4
1975	100.0	160.0	140.0	132.5	97.5	97.5	162.5	130.0	122.5	135.0	135.0	135.0	129.9
1976	195.0	155.0	160.0	155.0	160.0	175.0	140.0	170.0	162.5	170.0	175.0	6/	165.3
Retail price, frozen fillets 4/													
1970	80.6	83.5	85.3	86.0	87.4	88.4	89.4	89.4	90.9	90.0	91.5	92.6	87.9
1971	93.8	96.4	98.4	98.9	100.0	101.2	101.8	101.6	101.8	102.0	102.4	101.8	100.0
1972	102.4	102.7	102.9	103.4	104.0	104.9	105.3	106.9	108.4	108.8	112.0	113.7	106.3
1973	115.7	119.6	120.8	124.2	128.7	132.2	133.6	136.3	136.5	138.3	144.9	145.5	131.4
1974	147.6	149.4	150.2	149.8	150.4	148.9	149.7	150.5	149.3	147.3	150.1	149.5	149.4
1975	151.1	151.8	151.1	150.8	150.9	150.0	150.5	152.0	151.4	152.2	152.1	153.7	151.5
1976	153.2	156.2	155.9	157.7	158.3	160.7	165.0	167.4	168.5	171.1	170.0	171.8	163.0
Retail prices fresh fillets 5/													
1970	117.5	110.5	133.7	120.6	93.8	91.4	108.9	114.1	117.7	105.0	137.4	136.5	115.6
1971	155.9	145.6	140.1	121.0	134.7	148.1	150.0	162.4	165.3	157.0	163.3	172.2	115.3
1972	125.9	123.6	122.2	128.3	124.6	124.2	143.3	141.5	135.5	145.3	139.2	145.1	132.2
1973	6/	229.2	183.8	193.5	188.8	221.1	199.6	214.0	211.9	215.1	213.0	229.2	209.0
1974	216.8	222.8	213.4	239.8	206.9	219.9	214.1	207.9	210.6	203.3	206.8	213.9	214.6
1975	235.7	207.4	209.5	218.1	187.0	185.1	191.9	221.9	222.6	206.2	191.6	207.4	207.0
1976	258.4	252.9	210.2	238.2	226.0	206.8	213.0	219.4	230.3	230.9	245.7	241.4	231.1

1/ Source: Production and Value of Fisheries at Major New England Ports, weighted average.
2/ Source: Fishery Market News Report, Statistics and Market News Division, average prices for 5-lb pkg of Canadian fillets, at Boston, Mass.
3/ Source: Wholesale Prices and Price Index, Bureau of Labor Statistics, prices for 20-lb tins of domestic fillets at Boston, Mass.
4/ Source: Estimated Retail Food Prices by City, Bureau of Labor Statistics, average of retail price at 32 cities.
5/ Source: Estimated Retail Food Prices by City, Bureau of Labor Statistics, at Boston, Mass.
6/ Insufficient quotations to establish price.

Table A19.--Supplies and utilization of ocean perch, 1960-76
(Fillet weight)

Year	Supplies					Utilization		
	Beginning stocks	Landings			Imports	Total	Ending stocks	Apparent consumption	
		Atlantic	Pacific	Total				Total	Per capita
	Million pounds								Pounds
1960	14.9	42.4	2.7	45.1	14.4	74.4	13.7	62.0	0.337
1961	13.7	39.6	3.7	43.3	18.4	75.7	13.0	62.7	.343
1962	13.0	37.2	5.2	42.4	19.5	74.9	13.5	61.4	.330
1963	13.5	32.5	7.1	39.6	21.5	74.6	16.3	58.3	.310
1964	16.3	26.8	6.3	33.1	22.9	72.3	15.4	56.9	.297
1965	15.4	25.3	8.5	33.8	25.7	74.9	12.2	62.7	.325
1966	12.2	24.4	6.7	31.1	41.6	84.9	17.9	67.0	.342
1967	17.9	21.4	6.2	27.6	36.3	81.8	18.0	63.8	.319
1968	18.0	18.7	3.8	22.5	50.4	90.9	19.7	71.2	.356
1969	19.7	17.3	4.3	21.6	64.2	105.5	16.4	89.1	.446
1970	16.4	15.5	4.3	19.8	54.2	90.4	21.3	69.1	.338
1971	21.3	16.8	2.8	19.6	56.7	97.6	20.7	76.9	.372
1972	20.7	16.5	2.6	19.1	71.7	111.5	17.8	93.7	.447
1973	17.8	15.0	1.4	16.4	88.4	122.6	27.3	95.3	.454
1974	27.3	11.6	0.6	12.2	59.6	99.1	18.2	80.9	.383
1975	18.3	9.0	2.0	11.0	67.6	96.8	10.0	86.8	.406
1976 1/	10.0	9.7	1.5	11.2	60.1	81.3	14.3	67.0	.312

1/ Preliminary.

Table A20.--Supplies and utilization of ocean perch, monthly, 1975-76
(Fillet weight)

Month	Supplies				Utilization	
	Beginning stocks 1/	Landings 2/	Imports 3/	Total	Ending stocks	Apparent consumption
	Million pounds					
1975						
January	18.2	0.3	4.2	22.7	14.3	8.4
February	14.3	.5	6.1	20.9	9.4	11.5
March	9.4	.8	3.2	13.4	6.4	7.0
1st quarter	18.2	1.6	13.5	33.3	6.4	26.9
April	6.4	.7	3.0	10.1	4.6	5.5
May	4.6	1.0	5.6	11.2	4.9	6.3
June	4.9	1.2	7.1	13.2	5.6	7.6
2d quarter	6.4	2.9	15.7	25.0	5.6	19.4
July	5.6	1.0	7.1	13.7	5.7	8.0
August	5.7	1.1	5.9	12.7	6.5	6.2
September	6.5	.9	7.9	15.3	7.7	7.6
3d quarter	5.6	3.0	20.9	29.5	7.7	21.8
October	7.7	.7	6.2	14.6	8.1	6.5
November	8.1	.7	6.4	15.2	9.2	6.0
December	9.2	.5	4.8	14.5	10.0	4.5
4th quarter	7.7	1.9	17.4	27.0	10.0	17.0
1976						
January	10.0	.4	7.0	17.4	9.5	7.9
February	9.5	.4	6.0	15.9	8.2	7.7
March	8.2	1.2	8.8	18.1	7.8	10.4
1st quarter	10.0	2.0	21.8	33.8	7.8	26.0
April	7.8	1.0	3.7	12.5	6.8	5.7
May	6.8	.8	1.6	9.2	4.8	4.4
June	4.8	1.1	4.4	10.3	5.2	5.1
2d quarter	7.8	2.9	9.7	20.4	5.2	15.2
July	5.2	1.4	4.9	11.5	6.9	4.6
August	6.9	1.0	6.7	14.6	11.2	3.4
September	11.2	.8	8.4	20.4	15.8	4.6
3d quarter	5.2	3.2	20.0	28.4	15.8	12.6
October	15.8	.6	4.3	20.7	14.7	6.0
November	14.7	.5	2.7	17.9	14.5	3.4
December	14.5	.5	1.6	16.6	14.3	2.3
4th quarter	15.8	1.6	8.6	26.0	14.3	11.7

1/ Source: Frozen Fishery Products, Statistics and Market News Division, National Marine Fisheries Service.
2/ Source: New England Press Report Landings, Gloucester, Mass. This is the sum of landings at principal New England ports adjusted to approximate New England landings.
3/ Source: Department of Commerce, Bureau of the Census.

Note: Figures may not add to total because of rounding. Data are preliminary.

Table A21.--Exvessel, wholesale, and retail prices of ocean perch, monthly, 1970-76

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
						Cents per pound							
Exvessel price 1/													
1970	5.0	4.6	4.6	4.5	4.5	4.9	5.2	5.4	5.4	5.4	5.5	5.5	5.0
1971	5.4	5.1	5.1	5.0	4.8	5.1	5.3	5.2	5.2	5.2	5.1	5.0	5.1
1972	5.3	5.2	5.4	5.4	5.7	5.3	5.7	6.2	6.4	6.3	5.7	6.4	5.8
1973	6.9	7.2	7.2	7.6	7.5	7.5	7.6	8.3	8.9	10.2	9.0	9.3	8.1
1974	9.9	9.4	9.5	8.7	7.9	7.8	7.2	7.2	7.4	7.8	8.1	8.0	8.2
1975	8.7	9.2	10.5	10.4	9.9	10.3	10.1	10.6	11.0	11.6	11.8	11.9	10.5
1976	12.1	12.2	13.6	13.6	13.8	13.0	13.8	14.2	14.1	14.2	15.2	28.5	14.9
Wholesale price, frozen fillets 2/													
1968	24.5	23.0	22.8	23.5	23.5	24.6	25.2	24.0	24.5	24.5	24.5	24.5	24.1
1969	25.5	24.3	25.2	26.0	26.0	26.5	27.1	27.5	27.5	30.0	32.5	33.5	27.6
1970	34.0	34.0	34.0	34.0	34.0	34.0	36.0	37.0	37.0	36.5	36.5	36.5	35.3
1971	36.5	36.5	36.5	37.0	37.0	36.0	36.0	36.0	34.6	35.0	35.0	35.0	35.9
1972	35.0	35.5	37.3	38.6	40.2	41.5	43.1	45.5	47.1	47.8	48.5	48.8	42.4
1973	50.2	51.5	53.6	54.3	55.4	55.5	55.8	59.5	62.5	63.0	62.9	63.5	57.3
1974	61.7	58.5	54.1	50.0	44.3	40.1	39.8	43.3	46.1	48.3	49.5	51.3	48.9
1975	49.5	50.4	54.3	56.4	57.5	60.3	62.2	63.7	64.5	65.3	68.2	70.5	60.2
1976	72.0	72.3	74.3	76.9	82.4	88.2	92.5	92.1	90.3	93.2	92.8	92.5	84.9
Retail price, frozen fillets 3/													
1970	59.4	61.3	61.6	63.2	63.3	63.8	64.0	65.7	64.6	56.3	66.6	68.5	63.2
1971	69.1	70.9	71.1	72.7	73.5	73.7	73.5	73.3	73.2	73.3	72.2	71.8	72.4
1972	73.4	73.7	72.5	73.1	73.3	73.8	75.2	71.1	78.0	82.1	84.6	85.1	76.8
1973	87.6	90.3	91.8	94.4	96.9	99.6	99.8	100.7	102.6	105.4	107.5	108.4	98.8
1974	115.5	110.4	108.1	109.9	108.5	107.1	108.3	107.3	105.9	106.4	106.5	107.3	108.1
1975	107.9	107.9	106.9	107.7	108.9	110.1	110.7	112.1	116.2	119.6	121.2	121.4	112.6
1976	122.9	125.3	126.9	130.6	134.4	136.2	141.3	147.2	153.9	155.0	156.9	160.8	140.9

1/ Source: Production and Value of Fisheries at Major New England Ports, weighted average.
2/ Source: Boston Fishery Market News Report, Statistics and Market News Division, average prices for 5-lb pkg of Canadian fillets. Series for cod and ocean perch 1-lb pkg have been converted to 5-lb pkg series to make it consistent with all groundfish prices. Data for the 1-lb pkg series are available upon request.
3/ Source: Estimated Retail Food Prices by City, Bureau of Labor Statistics, average of retail price at 39 cities.

Table A22.--Supplies and utilization of Pacific halibut 1960-76 1/
(Dressed weight)

Year	Supplies				Utilization		
	Beginning stocks	U.S. Landings	Imports	Total	Ending Stocks	Apparent consumption	
						Total	Per capita
	-Million pounds-						-Pounds-
1960	18.9	38.3	28.6	85.8	14.4	71.4	0.396
1961	14.4	40.0	28.2	82.6	13.8	68.8	.376
1962	13.8	40.4	34.9	89.1	22.6	66.5	.357
1963	22.6	34.3	29.4	86.3	25.4	60.9	.323
1964	25.4	26.3	30.3	82.0	15.8	66.2	.346
1965	15.8	30.4	30.0	76.2	17.4	58.8	.304
1966	17.4	30.4	27.4	75.2	20.4	54.5	.278
1967	20.7	30.1	24.1	74.9	19.3	55.6	.281
1968	19.8	19.4	29.7	68.4	13.7	54.7	.274
1969	13.7	25.0	31.8	70.5	14.9	55.6	.276
1970	14.9	25.9	27.2	68.0	17.0	51.0	.249
1971	17.0	21.3	28.0	66.3	11.2	55.1	.266
1972	11.2	19.3	34.5	65.0	18.3	46.7	.223
1973	18.3	18.1	24.9	61.3	16.5	44.8	.214
1974	16.5	13.8	10.4	40.7	8.5	32.2	.152
1975	8.5	16.2	14.3	39.0	8.3	30.7	.144
1976 2/	8.3	14.6	11.6	34.5	9.5	25.0	.116

1/ Data were adjusted downward to correct for Greenland turbot that was classified as halibut.
2/ Preliminary.

Table A23.--Supplies and utilization of Pacific halibut, 1975-76
(Dressed weight)

Year	Supplies				Utilization	
	Beginning stocks	U.S. landings	Imports	Total	Ending stocks	Apparent consumption
	Million pounds					
1975						
January	8.5	-	.9	9.4	7.6	1.8
February	7.6	-	1.1	8.7	5.7	3.0
March	5.7	-	1.2	6.9	4.4	2.5
1st quarter	8.5	-	3.2	11.7	4.4	7.3
April	4.4	.2	1.2	5.8	3.3	2.5
May	3.3	3.2	.6	7.1	4.3	2.8
June	4.3	3.7	1.2	9.2	5.8	3.4
2d quarter	4.4	7.0	3.0	14.4	5.8	8.7
July	5.8	4.1	1.3	11.2	7.1	4.1
August	7.1	3.6	1.3	12.0	9.7	2.3
September	9.7	1.4	2.1	13.2	10.9	2.3
3d quarter	5.8	9.1	4.7	19.6	10.9	8.7
October	10.9	.2	1.0	12.1	10.4	1.7
November	10.4	1/	.6	11.0	8.7	2.3
December	8.7	-	1 8	10.5	8.3	2.2
4th quarter	10.9	.2	3.4	14.5	8.3	6.2
Year	8.5	16.2	14.3	39.1	8.3	30.8
1976						
January	8.3	-	.8	9.1	7.0	2.1
February	7.0	-	.7	7.7	5.6	2.1
March	5.6	-	.8	6.4	4.9	1.5
1st quarter	8.3	-	2.3	10.6	4.9	5.7
April	4.9	.2	.9	6.0	4.2	1.8
May	4.2	2.7	.8	7.7	4.4	3.3
June	4.4	4.1	1.2	9.7	6.7	3.0
2d quarter	4.9	7.0	2.9	14.8	6.7	8.1
July	6.7	3.8	2.0	12.5	9.8	2.7
August	9.8	3.0	1.8	14.6	13.6	1.0
September	13.6	.6	.7	14.9	13.9	1.0
3d quarter	6.7	7.4	4.5	18.6	13.9	4.7
October	13.9	.2	.8	14.9	12.9	2.0
November	12.9	1/	.5	13.4	11.9	1.5
December	11.9	-	.6	12.5	9.5	3.0
4th quarter	13.9	.2	1.9	16.0	9.5	6.5
Year	8.3	14.6	11.6	34.5	9.5	25.0

1/ Less than 50,000 pounds.
Note: Figures may not add to total because of rounding.
Data for 1976 are preliminary.

Table A24.--Exvessel, wholesale, and retail prices of Pacific halibut, monthly, 1970-76

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
						Cents per pound							
Exvessel price, Seattle 1/													
1970	-	-	-	43.4	40.1	43.0	44.4	39.8	34.9	32.5	35.6	-	39.2
1971	-	-	-	34.9	33.1	35.8	36.2	36.7	39.4	41.6	-	-	36.8
1972	-	-	-	60.3	58.1	65.7	70.5	73.7	79.9	-	-	-	68.0
1973	-	-	-	-	-	79.0	84.5	86.6	-	-	-	-	83.4
1974	-	-	-	-	75.0	79.0	79.0	79.6	80.5	-	-	-	78.6
1975	-	-	-	-	90.0	91.3	94.8	102.7	108.5	-	-	-	97.5
1976	-	-	-	-	na	na	na	na	na	na	na	na	na
Exvessel price, Prince Rupert 1/													
1970	-	-	-	-	39.4	42.6	42.5	38.9	35.6	31.7	-	-	38.5
1971	-	-	-	-	33.6	32.7	34.0	37.4	37.8	-	-	-	35.1
1972	-	-	-	-	59.8	66.6	72.5	76.3	78.5	-	-	-	70.7
1973	-	-	-	-	-	73.4	78.2	81.4	86.0	-	-	-	79.8
1974	-	-	-	-	-	67.8	71.0	77.3	78.6	-	-	-	73.7
1975	-	-	-	-	75.0	81.0	na	na	na	-	-	-	78.0
1976	-	-	-	-	na	na	na	na	na	na	na	na	na
Wholesale price 2/													
1970	57.5	57.5	56.5	57.5	57.5	57.5	57.5	57.0	57.3	56.7	55.3	54.9	56.9
1971	54.2	54.2	55.0	53.0	53.0	53.0	53.1	53.1	53.1	53.5	55.0	58.5	54.1
1972	62.0	62.1	67.6	72.0	76.8	77.0	85.0	90.1	92.2	95.0	95.0	95.0	80.8
1973	91.8	91.7	90.4	88.0	97.1	99.6	99.6	105.0	105.0	105.0	102.5	102.5	98.0
1974	102.5	102.5	103.0	105.0	99.8	95.8	98.3	98.3	105.0	105.0	105.0	105.0	102.1
1975	105.7	107.1	108.3	115.0	115.0	120.0	120.0	127.0	145.5	149.0	150.0	150.0	126.0
1976	150.0	150.0	150.0	150.0	150.0	165.0	165.0	170.0	173.0	173.0	170.0	170.0	161.4
Retail price 3/													
1970	106.0	102.5	101.9	111.8	116.0	112.8	110.0	108.0	112.8	108.3	106.6	106.6	108.6
1971	106.5	107.8	107.9	107.8	111.5	110.0	110.0	104.0	107.1	112.8	108.9	109.7	108.7
1972	115.1	124.0	124.0	126.5	135.6	137.0	139.0	158.0	160.3	162.8	164.0	167.8	142.8
1973	174.2	169.3	170.7	174.0	172.3	174.0	174.0	177.8	181.8	184.0	192.0	192.0	178.0
1974	194.5	202.0	200.3	206.0	193.3	197.0	192.0	209.0	208.0	209.0	211.5	210.7	202.8
1975	202.8	209.1	204.0	205.3	208.1	225.5	229.4	231.0	254.0	280.0	284.0	284.0	234.8
1976	290.3	289.0	299.6	305.5	302.8	319.0	299.0	299.0	295.0	317.0	310.2	324.0	304.2

1/ Weighted average price for medium size.
2/ Dressed form, frozen, at New York City.
3/ Steak form, frozen, at New York City.
na- Not available.

Table A25.--Wholesale prices for frozen dressed salmon at New York, monthly 1972-76

Month	King					Silver				
	1972	1973	1974	1975	1976	1972	1973	1974	1975	1976
	Cents per pound									
January	126.0	150.0	225.0	185.0	245.0	101.3	140.0	185.0	160.0	210.0
February	125.0	160.0	225.0	185.0	245.0	104.0	140.0	185.0	160.0	210.0
March	125.0	162.0	225.0	185.0	250.0	105.0	145.0	185.0	160.0	215.0
April	125.0	165.0	225.0	188.0	255.0	105.0	150.0	185.0	160.0	215.0
May	125.0	165.0	229.0	188.0	253.8	105.0	150.0	180.0	160.0	215.0
June	125.0	165.0	200.0	188.0	265.0	105.0	150.0	175.0	160.0	215.0
July	125.0	165.0	200.0	188.4	305.0	105.0	150.0	175.0	160.0	--
August	145.0	200.0	200.0	193.4	325.0	107.0	150.0	175.0	162.0	--
September	146.3	210.0	185.0	216.9	329.0	110.0	150.0	175.0	173.8	250.0
October	150.0	220.0	185.0	226.8	340.0	130.0	165.0	160.0	187.0	250.0
November	150.0	220.0	185.0	240.0	375.0	130.0	165.0	160.0	200.0	250.0
December	150.0	220.0	185.0	241.0	375.0	130.0	165.0	160.0	210.0	250.0

Note: Prices exwarehouse New York as reported by original receivers.

Source: Fishery Market News Report, National Marine Fisheries Service, New York, N.Y.

Table A26.--Supplies and utilization of canned salmon, 1965-76

Year	Supplies				Utilization			
	Beginning stocks	Production	Imports	Total	Ending stocks	Exports	Apparent consumption	
							Total	Per capita
	Thousand standard cases							Pounds
1965	3,349	3,634	2	6,985	2,761	519	3,705	0.919
1966	2,761	4,358	12	7,131	3,456	427	3,248	.797
1967	3,456	2,072	3	5,531	2,087	428	3,016	.733
1968	2,087	3,448	103	5,638	2,746	119	2,773	.668
1969	2,746	2,551	46	5,343	2,163	324	2,856	.681
1970	2,163	3,882	51	6,036	2,650	350	3,036	.715
1971	2,650	3,509	32	6,191	2,699	380	3,112	.724
1972	2,699	1,935	243	4,877	1,508	445	2,924	.680
1973	1,508	1,495	178	3,181	941	353	1,887	.432
1974	941	1,829	146	2,916	1,668	173	1,075	.244
1975	1,668	1,627	68	3,363	1,354	469	1,540	.347
1976 1/	1,354	2,672	53	4,079	2,042	408	1,629	.364

1/ Preliminary.
Source: National Canners Association; U.S. Department of Commerce, Bureau of the Census; and Fishery Statistics of the United States.

Table A27.--U.S. wholesale prices of canned salmon, monthly, 1970-76 1/

Species/ Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
						-Dollars per case							
Red (sockeye), 48/1-lb cans													
1970	45.25	45.44	45.50	45.50	45.50	45.50	42.90	40.00	40.00	40.00	41.13	41.50	43.19
1971	41.50	41.50	41.50	41.50	41.50	41.50	43.00	44.50	2/	2/	46.00	46.00	42.85
1972	47.00	47.00	47.00	47.50	47.50	47.50	47.50	56.00	56.00	56.50	56.50	56.50	51.08
1973	56.50	56.50	56.50	57.25	58.00	58.00	58.00	3/	112.00	110.40	110.00	110.00	76.74
1974	111.00	111.00	111.00	111.00	111.00	111.00	111.00	110.60	108.75	108.00	108.00	93.33	109.31
1975	92.75	89.00	89.00	83.50	83.50	83.50	83.50	82.00	77.50	77.50	77.88	78.00	83.14
1976	80.60	82.75	83.00	83.00	83.00	83.00	83.00	83.00	83.00	82.20	82.75	84.00	82.78
Red (sockeye), 48/1/2 -lb cans													
1970	27.25	27.06	27.00	27.00	27.00	27.00	26.85	26.63	26.75	26.75	27.50	27.75	27.04
1971	27.75	27.75	28.00	28.25	28.25	28.25	27.35	27.25	2/	2/	29.00	29.00	28.08
1972	31.00	30.00	29.10	30.50	30.13	30.00	30.00	34.00	34.50	34.50	34.50	34.50	31.89
1973	34.50	34.50	34.50	35.25	36.00	36.00	36.00	3/	54.50	55.00	55.00	57.00	42.57
1974	57.00	57.00	57.00	57.00	57.00	57.00	57.00	56.90	55.63	52.50	52.50	48.50	55.42
1975	44.38	42.50	42.50	42.50	42.50	42.50	42.50	42.50	42.50	42.50	46.90	48.00	43.48
1976	53.00	55.00	54.63	53.50	53.50	53.50	55.10	56.25	56.13	55.00	55.00	55.00	54.63
Pink, 48/1-lb cans													
1970	31.60	31.25	32.50	35.50	32.50	32.50	32.50	32.50	33.50	33.50	33.50	33.50	32.65
1971	33.50	34.50	34.50	34.50	34.50	34.50	34.80	35.83	2/	2/	36.00	36.00	34.86
1972	36.00	37.00	37.00	37.38	37.50	37.50	37.75	41.25	44.50	44.50	47.75	45.00	40.01
1973	45.25	45.50	45.50	46.25	47.00	47.00	47.00	3/	65.75	67.10	68.00	70.40	54.25
1974	71.00	71.00	71.00	71.00	71.00	71.00	71.00	71.00	71.00	71.00	71.00	70.67	70.97
1975	70.00	70.00	70.00	70.00	70.00	70.00	70.00	69.75	69.00	69.00	69.00	69.00	69.65
1976	69.00	69.00	69.00	69.00	69.00	69.00	69.00	69.00	68.50	67.40	67.00	67.50	68.53
Chum, 48/1-lb cans													
1970	28.80	28.25	28.50	28.50	28.50	28.50	28.50	28.50	28.50	28.50	29.50	29.50	28.71
1971	29.50	30.00	30.00	30.13	30.50	30.50	30.50	31.50	2/	2/	31.50	31.50	30.56
1972	32.00	31.00	31.00	31.50	31.50	31.50	31.50	34.75	38.00	38.50	40.00	40.00	34.27
1973	40.00	40.00	40.00	40.25	40.50	40.50	40.50	3/	60.25	62.50	64.00	64.80	48.48
1974	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.40	70.00	65.00	65.00	65.00	65.45
1975	65.00	65.00	63.40	59.00	59.00	59.00	55.00	55.00	57.00	59.00	59.00	59.00	59.63
1976	59.00	59.50	60.00	60.00	60.00	60.00	60.40	61.00	60.25	59.40	59.00	59.00	59.78

1/ Average of the weekly prices reported by Seattle brokers and canners for top quality stock only.
2/ Prices not reported during the price freeze. Does not include discounts and promotional allowances.
3/ Prices not quoted.

Source: Fishery Market News Report, National Marine Fisheries Service, Seattle, Wash.

Table A28.--Exvessel, wholesale, and retail prices of Maine sardines, monthly, 1970-76

Year	Jan.	Feb.	Mar.	Apr.	May	Jun	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year average
						Cents per pound 1/							
Exvessel price (Maine)													
	-	2.0	-	-	2.0	1.9	2.0	1.8	1.7	1.7	1.4	1.9	1.8
1971	-	-	-	1.1	-	2.4	2.1	2.4	2.5	2.7	2.9	-	2.3
1972	-	-	-	2.9	3.1	3.3	3.1	3.2	3.1	3.1	3.3	3.2	3.1
1973	-	-	-	3.7	3.9	3.0	2.9	2.7	2.8	2.8	3.0	2.9	3.1
1974	3.6	3.3	3.3	3.3	-	3.3	3.6	3.9	3.7	3.8	3.9	3.6	3.6
1975	3.9	3.9	3.9	3.9	3.9	3.4	3.8	3.7	3.7	4.0	3.2	2.8	3.7
1976	4.5	-	-	3.0	3.8	4.5	4.5	4.3	4.3	4.2	4.4	5.0	4.3
Wholesale price, Maine, 100 - 1/4 lb cans 2/													
						Dollars per case							
1970	12.63	13.50	13.50	13.50	13.50	13.50	13.50	14.25	15.25	15.25	15.25	15.25	14.07
1971	15.25	15.25	15.25	15.25	15.25	15.75	15.75	16.75	16.75	16.75	16.75	16.75	15.96
1972	16.72	16.75	16.75	16.75	16.75	16.75	16.75	17.55	17.30	17.10	17.10	15.75	16.84
1973	16.25	16.25	16.25	16.25	15.30	15.30	15.30	17.25	17.35	17.60	17.60	17.60	16.53
1974	17.60	18.00	18.00	19.35	19.35	19.75	19.75	21.60	21.60	22.50	22.50	22.50	20.21
1975	22.50	22.05	22.05	22.05	22.05	23.05	22.10	22.10	23.10	22.50	22.50	22.50	22.53
1976	22.50	21.60	21.60	21.60	22.10	22.10	22.10	22.10	22.10	23.10	23.10	23.10	22.26
Retail price, keyless 3/													
						Cents per can							
1970	15.8	15.5	15.5	15.8	15.8	16.0	16.0	16.7	16.9	16.3	16.4	16.9	16.1
1971	19.2	19.8	20.5	20.4	19.1	19.5	18.7	20.5	20.1	20.4	20.4	20.5	19.9
1972	20.5	21.1	20.7	20.7	20.9	21.2	20.9	21.2	21.4	21.6	22.3	22.7	21.3
1973	22.9	22.9	22.9	22.7	23.0	22.9	23.1	23.2	23.4	23.2	24.0	23.9	23.2
1974	25.5	24.5	26.0	25.7	26.4	26.6	27.5	27.7	28.1	29.5	29.7	30.9	27.2
1975	32.2	32.2	32.4	32.6	33.0	31.2	31.7	32.0	31.5	31.9	32.0	33.7	32.2
1976	33.7	33.0	32.7	32.9	33.7	33.8	34.3	34.5	34.3	34.2	34.7	34.8	33.9
Retail price, key or pull tab 4/													
1970	16.5	16.6	16.6	16.9	17.1	17.3	17.2	17.4	17.8	18.2	18.7	19.0	17.4
1971	19.3	19.6	19.7	19.8	20.0	20.4	20.5	20.8	21.0	21.1	21.2	21.4	20.4
1972	21.6	21.6	21.4	21.6	21.7	21.8	21.9	22.1	22.6	22.7	22.9	25.3	22.1
1973	22.4	22.4	22.6	22.9	23.3	23.7	23.1	23.2	23.5	24.2	25.0	20.3	23.5
1974	25.5	37.6	37.2	37.9	38.9	39.6	40.0	40.4	41.7	43.9	45.1	46.6	39.5
1975	47.1	47.7	48.2	48.2	48.6	49.6	50.8	51.1	51.5	51.6	51.5	51.8	49.8
1976	51.9	52.4	52.1	52.1	52.4	52.4	52.5	52.8	54.1	53.8	53.8	55.0	52.9

1/ Round weight.
2/ Keyless oil, New York.
3/ Price at Baltimore, Md., reported by BLS.
4/ U.S. average price, reported by BLS.

Table A29.--U.S. canned tuna pack, by area, 1975-76

Year	Continental United States	American Samoa, Puerto Rico, and Hawaii	Total
	Thousand standard cases		
1975			
January	634	740	1,374
February	444	1,292	1,736
March	1,685	1,608	3,292
April	504	742	1,246
May	955	1,192	2,147
June	1,588	1,192	2,780
July	870	1,310	2,180
August	2,515	1,035	3,550
September	734	659	1,393
October	588	622	1,210
November	1,029	1,362	2,391
December	1,440	1,132	2,572
Total	12,986	12,887	25,873
1976			
January	534	1,357	1,891
February	416	1,043	1,459
March	2,402	1,443	3,850
April	957	1,374	2,311
May	1,239	1,181	2,420
June	1,969	1,038	3,007
July	1,720	1,342	3,062
August	473	1,275	1,748
September	1,682	1,426	3,108
October	1,115	1,379	2,494
November	1,490	1,127	2,617
December	1,983	1,477	3,460
Total	16,108	15,462	31,570

Note: Data are preliminary. Figures may not add to total because of rounding.

Source: Fishery Market News Report, National Marine Fisheries Service, Terminal Island, California.

Table A 30.--U.S. imports of fresh and frozen tuna, by type and country, 1973-76

Type and country	1973	1974	1975	1976
	Thousand pounds			
Albacore				
Neth. Antilles	7,141	6,564	5,957	4,844
China, Taiwan	11,402	16,306	20,990	31,024
Republic of Korea	8,404	1,006	2,342	12,869
Japan	84,422	81,669	34,007	57,949
Br. Pacific Island	15,166	10,098	2,696	5,821
Canary Island	7,314	8,389	9,906	4,148
Ivory Coast	4,755	5,360	8,237	4,362
South Africa Republic	9,007	11,728	2,644	11,949
Other countries	66,643	60,925	18,751	35,304
Total	214,254	202,045	105,530	168,270
Other tuna				
Mexico	5,531	819	11,545	15,876
Panama	13,218	11,975	71,417	50,648
Ecuador	15,264	17,365	39,131	30,343
Peru	18,390	6,864	2,938	-
France	11,147	8,390	17,393	23,457
Spain	1,525	23,090	21,550	17,665
China, Taiwan	11,924	9,337	14,888	8,691
Republic of Korea	3,169	3,661	15,231	21,620
Japan	227,769	267,676	44,735	80,781
New Guinea	9,617	23,995	9,034	38,196
Br. Pacific Island	5,477	9,178	4,199	2,500
Ivory Coast	6,378	6,627	6,292	-
Other Countries	127,780	90,253	45,649	67,508
Total	457,189	479,230	304,002	357,285
Grand total	671,443	681,275	409,532	525,555

Source: U.S. Department of Commerce, Bureau of the Census.

Table A31.--Exvessel prices of tuna, monthly, 1970-76 1/

Species/ Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
	Dollars per ton												
Albacore													
1970	-	-	-	-	-	-	550	550	550	550	550	550	550
1971	-	-	-	-	-	-	630	630	630	630	630	630	630
1972	-	-	-	-	-	680	680	680	680	680	680	680	680
1973	-	-	-	-	-	-	-	830	830	830	830	830	830
1974	-	-	-	-	-	-	820	820	820	820	820	820	820
1975	-	-	-	-	-		675	675	675	675	675	675	675
1976	675	675	675	-	-	910	910	910	920	960	1000	1000	864
Bluefin													
1970	326	-	-	-	347	349	351	385	360	362	373	-	353
1971	-	-	392	-	400	401	403	403	400	400	400	401	400
1972	-	422	-	-	-	422	422	422	422	422	422	422	422
1973	-	-	-	-	-	457	460	465	462	-	-	-	461
1974	-	-	-	-	-	-	555	555	555	555	555	555	555
1975	-	-	-	-	480	480	480	480	480	480	480	480	480
1976	-	560	560	560	-	576	578	580	586	595	595	580	577
Skipjack 2/													
1970	291	296	298	301	308	317	323	327	331	333	338	339	317
1971	362	362	362	366	367	371	372	374	375	376	376	376	370
1972	405	405	405	405	405	405	405	405	405	405	405	405	405
1973	447	447	447	447	447	447	450	455	455	459	459	463	451
1974	3/	545	545	545	545	545	545	545	545	544	540	540	544
1975	-	540	540	503	495	472	450	450	450	450	450	450	471
1976	520	540	541	542	548	552	554	560	568	575	579	575	554
Yellowfin 2/													
1970	341	346	348	355	358	366	372	379	381	383	386	391	367
1971	412	412	412	415	417	421	420	420	420	421	421	421	418
1972	442	442	442	442	442	442	442	442	442	442	442	442	442
1973	477	477	477	477	477	477	480	485	485	489	489	493	481
1974	3/	575	575	575	575	575	575	575	575	575	575	575	575
1975	3/	574	573	546	540	520	500	500	500	500	500	500	523
1976	520	580	581	582	588	592	594	600	608	615	619	615	591

1/ Midpoints of price ranges received from California canners.
2/ Premium grade.
3/ Insufficient quotations to publish price.

Source: Fishery Market News Report, National Marine Fishery Service, Terminal Island, California.

Table A32.--Canned tuna wholesale and retail prices, monthly, 1970-76

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
						Dollars per case 1/							
Wholesale - Advertised brands 2/													
White solid (No. 1/2 - 7 oz 48's)													
1970	19.35	19.35	19.55	19.85	19.85	19.95	20.35	20.51	22.35	22.35	22.35	22.35	20.68
1971	22.35	22.35	22.55	22.85	22.85	22.85	21.50	21.50	21.50	21.50	21.50	21.50	22.07
1972	21.50	22.28	22.70	22.74	22.74	22.75	23.50	23.31	23.50	24.89	25.35	25.35	23.39
1973	23.00	24.75	26.00	26.00	26.00	26.00	26.00	26.00	26.38	27.50	26.75	27.50	25.89
1974	27.50	28.63	29.00	29.00	29.00	29.00	29.94	30.17	30.17	30.18	30.18	30.85	29.47
1975	30.14	30.00	27.75	27.75	27.75	27.40	27.10	27.29	27.35	27.35	28.83	29.00	28.14
1976	29.00	30.25	30.50	30.50	32.63	33.50	35.00	35.00	36.50	37.00	37.00	39.00	33.82
Light chunk (No. 1/2 - 6-1/2 oz 48's)													
1970	16.35	16.35	16.49	16.70	16.70	16.80	17.20	17.20	17.20	17.70	17.70	17.70	17.01
1971	18.20	18.70	18.70	18.65	18.70	18.70	18.70	18.70	18.70	18.70	18.70	18.70	18.61
1972	18.70	18.90	19.20	19.20	19.20	19.20	19.39	19.70	19.70	19.89	19.95	19.95	19.42
1973	19.95	19.95	19.95	20.70	20.90	21.14	21.20	21.20	19.68	20.95	21.33	21.89	20.74
1974	22.55	23.83	24.20	24.20	24.20	24.20	24.20	24.20	24.20	24.80	25.20	25.20	24.25
1975	25.45	26.20	25.20	25.20	25.20	25.20	25.20	23.70	23.70	23.70	24.70	24.70	24.85
1976	24.70	26.33	26.70	26.70	27.08	27.45	28.20	28.20	28.80	29.00	29.00	29.25	27.62
Wholesale - Private label 2/													
White solid (No. 1/2 - 7 oz 48's)													
1970	16.75	16.75	16.49	16.70	16.70	16.80	17.20	17.20	17.20	17.70	17.70	17.70	18.20
1971	20.25	20.25	20.25	20.25	20.25	20.25	20.25	20.25	20.25	20.25	20.25	20.25	20.25
1972	20.25	20.75	21.50	21.50	21.50	21.50	21.50	21.50	21.50	22.25	22.63	22.75	21.59
1973	22.75	23.00	23.00	23.50	24.05	24.28	24.20	24.20	25.04	27.25	26.88	28.00	24.68
1974	28.00	28.38	28.50	28.50	28.50	28.50	28.50	28.50	28.50	28.50	28.50	28.50	28.45
1975	28.50	*	*	*	*	*	25.00	25.00	25.00	25.00	27.67	28.00	26.31
1976	28.00	29.00	29.00	29.00	29.75	30.88	33.70	33.50	34.50	35.50	37.50	37.50	32.32
Light chunk (No. 1/2 - 6 -1/2 oz 48's)													
1970	12.88	12.88	12.98	13.00	13.00	13.20	14.00	14.13	14.50	15.00	15.00	15.00	13.79
1971	15.06	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.46
1972	15.50	15.60	16.25	16.25	16.25	16.25	16.81	17.00	17.00	17.19	17.25	17.25	16.57
1973	17.25	17.25	17.25	18.25	18.60	18.75	18.75	18.75	18.81	19.25	19.50	19.50	18.49
1974	19.50	20.81	21.25	21.75	21.75	21.75	21.75	21.75	21.75	22.05	22.25	22.25	21.55
1975	21.88	22.25	22.25	21.50	21.25	21.00	20.75	22.25	20.75	20.75	20.63	20.63	21.37
1976	20.63	20.88	21.25	21.25	21.25	21.50	22.25	22.25	22.25	22.25	22.50	22.50	21.73
Retail 3/													
Light chunk 6 -1/2 oz cans													
						Cents per can							
1970	37.6	39.8	38.3	38.7	39.2	39.4	39.4	35.7	40.7	41.7	42.2	42.7	39.4
1971	43.3	43.6	43.0	44.3	44.2	44.4	44.2	44.2	44.3	44.1	43.9	44.1	44.0
1972	44.1	44.7	45.2	45.6	45.8	45.9	45.7	45.3	45.6	46.0	46.1	46.4	45.5
1973	46.5	45.7	46.9	47.6	48.3	49.6	51.0	49.6	50.0	50.6	51.6	52.5	49.2
1974	53.7	55.1	56.0	57.3	57.8	58.2	58.7	58.5	58.6	58.5	59.8	60.1	57.7
1975	61.0	61.4	61.5	60.8	60.7	59.5	59.0	59.3	60.0	59.7	60.1	61.1	60.3
1976	62.1	62.5	62.6	62.9	63.5	63.8	63.7	64.4	64.8	64.8	66.2	66.3	64.0

1/ Quotes do not include trade or promotional allowances.
2/ Reported by San Diego brokers and cannery representatives, f.o.b. canner's terminal.
3/ U.S. average retail price reported by BLS.
* No - quotes.

Source: Wholesale; Fishery Market News Report, National Marine Fisheries Service, Terminal Island, California.
Retail; Estimated Retail Food Prices by City. Bureau of Labor Statistics.

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